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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/262,835	01/30/2019	Samantha DiPerna	02-CON3

CONFIRMATION NO. 3352

SAMANTHA DIPERNA
1682 Sunnyside Ave.
San Marcos, CA 92078

POWER OF ATTORNEY NOTICE

OC000000132450244

Date Mailed: 03/15/2022

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 03/10/2022.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/tmwilliams/

Samsung v. Fendgo
IPR2024-00113
Exhibit 1004

EXHIBIT 1004
Page 1 of 370

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/262,835	01/30/2019	Samantha DiPerna	02-CON3

CONFIRMATION NO. 3352

POA ACCEPTANCE LETTER

39564
FisherBroyles, LLP - MAIN CN
885 Woodstock Road
Suite 430-383
Roswell, GA 30075

OC000000132450262

Date Mailed: 03/15/2022

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 03/10/2022.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/tmwilliams/

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82A (07-13)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	16/262,835
Filing Date	January 30, 2019
First Named Inventor	Samantha DIPERNA
Title	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES
Art Unit	2664
Examiner Name	Ping Y. HSIEH
Attorney Docket Number	02-CON3

SIGNATURE of Applicant or Patent Practitioner

Signature	/John Boyd/	Date (Optional)	3/10/2022
Name	John Boyd	Registration Number	38055
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

☑ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82B (07-13)
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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 39564

OR

☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

☑ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

FENDGO LLC

☐ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☑ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature	/Samantha DIPERNA/	Date (Optional)	
Name	Samantha DIPERNA		
Title	Representative		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☑ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/AIA/82C (07-13)
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POWER OF ATTORNEY BY APPLICANT

No more than ten (10) patent practitioners total may be appointed as set forth below by name and registration number. This page need not be submitted if appointing the Patent Practitioner(s) associated with a Customer Number (see form PTO/AIA/82B):

Name	Registration Number

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
16/262,835	**03/10/2022 07:07:05 PM ET**	**02-CON3**

Title of Invention

EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	11265404
CONFIRMATION #	3352	FILED BY	John Boyd
PATENT CENTER #	60568085	FILING DATE	01/30/2019
CUSTOMER #	–	FIRST NAMED INVENTOR	Samantha DiPerna
CORRESPONDENCE ADDRESS	SAMANTHA DIPERNA, - 1682 Sunnyside Ave., - San Marcos, CALIFORNIA 92078 UNITED STATES	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
aia0082FENDGOPOAUS16262835.pdf	4	Power of Attorney	432 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
aia0082FENDGOPOAUS16262835.pdf	6A425AED5AA6EA9C24EC0DC28C47C3EE399CCD39A38DC24E2E32AE24BDA6AF01E5E739B4B2F15A4CEE3DD5B42E01AC4E46AD0CFF1263AE8E03F0CD2F96424ECD

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	03/01/2022	11265404	02-CON3	3352

7590 02/09/2022

SAMANTHA DIPERNA
1682 Sunnyside Ave.
San Marcos, CA 92078

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 44 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

INVENTOR(s) (Please see PAIR WEB site http://pair.uspto.gov for additional inventors):

Samantha DiPerna, New York, NY;
Jacqueline DiPerna, Newport Beach, CA;

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 02/01/2022

SAMANTHA DIPERNA
1682 Sunnyside Ave.
San Marcos, CA 92078

EXAMINER	
HSIEH, PING Y	

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
02/01/2022	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Response to Rule 312 Communication	Application No.	Applicant(s)	
	16/262,835	DiPerna et al.	
	Examiner	Art Unit	AIA (FITF) Status
	PING Y HSIEH	2664	No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. ☑ The amendment filed on 06 January 2022 under 37 CFR 1.312 has been considered, and has been:
   a) ☑ entered.
   b) ☐ entered as directed to matters of form not affecting the scope of the invention.
   c) ☐ disapproved because the amendment was filed after the payment of the issue fee.
      Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.
   d) ☐ disapproved. See explanation below.
   e) ☐ entered in part. See explanation below.

/PING Y HSIEH/
Primary Examiner, Art Unit 2664

OFFICE JAN 06 2022 PATENT & TRADEMARK

OK TO ENTER: /P.Y.H/

Patent Application

U.S. Appln. No.	16/262,835
Inventors:	Samantha DiPerna, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsieh
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

31
December ~~30~~, 2021
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS AND AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. 1.312

This paper is being filed in response to the Notice To File Corrected Application Papers mailed on November 29, 2021.

Certificate of Transmission Under 37 C.F.R. 1.8(a)
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for First Class Mail in an envelope addressed to Mail Stop ISSUE FEE, Commissioner for Patents, P.O.Box 1450, Alexandria, Virginia 22313-1450 on: **December ~~30~~, 2021**
31

/Samantha DiPerna/
Signature

Samantha DiPerna
Type or print name of person certifying

United States Patent and Trademark Office

Office of the Chief Financial Officer

Document Code:WFEE

User :C44690

Sale Accounting Date:01/11/2022

Sale Item Reference Number	Effective Date
16262835	01/06/2022

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I20221AF09580334	3501	UTILITY ISSUE FEE	$300.00	Credit Card

USPTO JAN 06 2022 AKIHIA-S PATENT & TRADEMARK OFFICE

PTO/AIA/122 (08-12)
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CHANGE OF CORRESPONDENCE ADDRESS
Application

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	16/262,835
Filing Date	01/30/2019
First Named Inventor	Samantha DIPERNA
Art Unit	2664
Examiner Name	P. Hsieh
Attorney Docket Number	02-CON3

Please change the Correspondence Address for the above-identified patent application to:

☐ The address associated with *Customer Number:* ____

OR

☒ Firm or Individual Name

Address: Samantha DIPERNA
1682 Sunnyside Ave

City: San Marcos | State: CA | Zip: 92078

Country: US

Telephone: 480-213-0179 | Email: samantha.diperna@gmail.com

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the:

☒ Applicant

☐ Attorney or agent of record. Registration Number _____.

☐ Registered practitioner named in the application transmittal papers who acts in a representative capacity under 37 CFR 1.34. See 37 CFR 1.33(a)(1). Registration Number _____.

Signature: /Samantha DiPerna/

Typed or Printed Name: Samantha DiPerna

Date: December 30, 2021 | Telephone: 480-213-0179

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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JAN 06 2022
PATENT & TRADEMARK OFFICE

Patent Application

U.S. Appln. No.	16/262,835
Inventors:	Samantha DiPerna, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsieh
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

31

December ~~30~~, 2021

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS AND AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. 1.312

This paper is being filed in response to the Notice To File Corrected Application Papers mailed on November 29, 2021.

Certificate of Transmission Under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for First Class Mail in an envelope addressed to Mail Stop ISSUE FEE, Commissioner for Patents, P.O.Box 1450, Alexandria, Virginia 22313-1450 on: **December ~~30~~, 2021**

31

/Samantha DiPerna/
Signature

Samantha DiPerna
Type or print name of person certifying

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings. *The following claims listing incorporates the Examiner's Amendment mailed with the Notice of Allowance on November 17, 2021.*

1. - 6. (Canceled)

7. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, adapted to, when activated, ready itself to perform the following panic button functions: (1) dialing a public or private network for an emergency purpose[[s]] and (2) activating the transmitting unit,

wherein the panic button is activated by a depressing of the panic button together with another button at substantially the same initial time such that no panic button function is activated unless both buttons are depressed.

8. (Previously Presented) The mobile device as set forth in claim 37, further comprising a voice activation unit, adapted to activate the panic button using a voice command.

EXHIBIT 1004
Page 16 of 370

9. (Previously Presented) The mobile device as set forth in claim 37, wherein the panic button is activated by a series of depressings of the panic button.

10. - 15. (Canceled)

16. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit as emergency information [[of]] the image data, the audio data, and the location data along with specific information including owner identification information; and

a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated,

wherein the panic button is activated by a series of depressings of the panic button.

17. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a time and date stamp.

18. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period.

EXHIBIT 1004
Page 17 of 370

19. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button is silent.

20. – 21. (Canceled)

22. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button activates an audible warning message, wherein the audible warning message includes words.

23. (Canceled)

24. (Previously Presented) The mobile device as set forth in Claim 37, wherein the panic button is activated by a depressing of the panic button for a predetermined time period.

25. (Canceled)

26. (Previously Presented) The mobile device as set forth in Claim 7, wherein the panic button activates an audible alarm.

27. (Previously Presented) The mobile device as set forth in Claim 7, further comprising a safety switch that, upon being moved into position, readies the panic button to contact the public or private network for emergency purposes when the panic button is activated.

EXHIBIT 1004
Page 18 of 370

28. (Previously Presented) The mobile device as set forth in claim 16, wherein when the panic button is activated a public or private network for emergency purposes is dialed.

29. (Previously Presented) The mobile device as set forth in claim 37, wherein the panic button is activated when pressed along with an emergency touchpad picture.

30. (Previously Presented) A mobile device as set forth in claim 7, wherein the owner identification information includes a name and a description of the owner of the mobile device.

31. (Canceled)

32. (Canceled)

33. (Previously Presented) A mobile device as set forth in claim 16, wherein the specific information includes a pre-recorded emergency message.

34. (Canceled)

35. (Previously Presented) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

EXHIBIT 1004
Page 19 of 370

a transmitting unit, adapted to transmit the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, which, when activated, performs the following panic button functions: (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, and (2) dialing a public or private network for emergency purposes,

wherein the panic button is activated by a series of depressings of the panic button.

36. (Previously Presented) An emergency safety device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit the image data, the audio data, and the location data as emergency information to a specified location via text message, along with specific information including owner identification information; and

a panic button, adapted to activate the transmitting unit when activated,

wherein the panic button is activated by a button sequence.

37. (Previously Presented) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

EXHIBIT 1004
Page 20 of 370

a transmitting unit, adapted to transmit the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information;

a panic button; and

a self-defense mechanism comprising a vial containing pepper spray or mace,

wherein when the panic button is activated (1) the transmitting unit transmits the image data, the audio data, and the location data as emergency information to the specified location via text along with the specific information including owner identification information, (2) the self-defense mechanism sprays the pepper spray or mace, and (3) the mobile device dials a public or private network for emergency purposes.

38. (Previously Presented) The mobile device of claim 16, wherein a number of depressings of the panic button to activate the panic button is three.

39. (Previously Presented) The mobile device of claim 35, wherein a number of depressings of the panic button to activate the panic button is five.

EXHIBIT 1004
Page 21 of 370

REMARKS

This paper is being filed in response to The Notice To File Corrected Application Papers mailed on November 29, 2021 (hereinafter "the Notice").

The Notice states: "Applicant must provide legible text for the following item(s)... Claims filed 10//12/2021, claim(s) 8, 9, 17-19, 22, 24, 26-30, and 33."

In reply, Applicants are providing a complete set of the claims including the requested claims.

Applicants are also amending claims 7 and 16 under 37 CFR 1.312, merely to correct typographical errors found in the Examiner's Amendment; these changes are made for the purposes of clarification only, and no change in scope of the claims is either intended or believed to be effected by the changes. This Amendment After Allowance is deemed to raise no new issues, require no new search, and require no substantial work on the part of the Patent and Trademark Office.

The issue fee is being paid herewith.

A copy of the Notice To File Corrected Application Papers mailed on November 29, 2021 is also submitted herewith.

Respectfully submitted,

/Samantha DiPerna/
Samantha DiPerna, *Pro Se*
1682 Sunnyside Ave.
San Marcos, CA 92078
Tel. No. (480) 213-0179

/Jacqueline DiPerna/
Jacqueline DiPerna, *Pro Se*
260 Cagney Lane, Apt. 204
Newport Beach, CA 92663

EXHIBIT 1004
Page 22 of 370

Best Available Copy

PART B - FEE(S) TRANSMITTAL

FEE

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 11/17/2021

SAMANTHA DIPERNA
12436 POMERADO CT
SAN DIEGO, CA 92128



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

Samantha DiPerna	(Typed or printed name)
/Samantha DiPerna/	(Signature)
December 30, 2021	(Date)

31

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

TITLE OF INVENTION: EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	$300	$0.00	$0.00	$300	02/17/2022

EXAMINER	ART UNIT	CLASS-SUBCLASS
HSIEH, PING Y	2664	455-575800

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☒ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a *registered attorney or agent) and the names of up to* 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: FENDGO LLC

(B) RESIDENCE: (CITY and STATE OR COUNTRY): PLAYA VISTA, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☒ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

☐ Electronic Payment via EFS-Web ☐ Enclosed check ☒ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

31

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Samantha DiPerna/ /Jacqueline DiPerna/ Date December 30, 2021

Typed or printed name Samantha DiPerna & Jacqueline DiPerna Registration No. Pro Se

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

USPTO MAILROOM
JAN 06 2022
PATENT & TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262.835	01/30 2019	Samantha DiPerna	02-CON3	3352

7590 11/29/2021

SAMANTHA DIPERNA
12436 POMERADO CT
SAN DIEGO, CA 92128

EXAMINER	
HSIEH, PING Y	

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
11/29/2021	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

OPAP AKIMA-5
JAN 06 2022
PATENT & TRADEMARK OFFICE

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Application No. : 16262835
Applicant : DiPerna
Filing Date : 01/30/2019
Date Mailed : 11/29/2021

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Notice of Allowance Mailed

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given two (2) months from the mail date of this Notice within which to respond. This time period for reply is extendable under 37 CFR 1.136(a) for only TWO additional MONTHS.

The informalities requiring correction are indicated in the attachment(s). If the informality pertains to the abstract, specification (including claims) or drawings, the informality must be corrected with an amendment in compliance with 37 CFR 1.121 (or, if the application is a reissue application, 37 CFR 1.173). Such an amendment may be filed after payment of the issue fee if limited to correction of informalities noted herein. See Waiver of 37 CFR 1.312 for Documents Required by the Office of Patent Publication, 1280 Off. Gaz. Patent Office 918 (March 23, 2004). In addition, if the informality is not corrected until after payment of the issue fee, for purposes of 35 U.S.C. 154(b)(1)(iv), "all outstanding requirements" will be considered to have been satisfied when the informality has been corrected. A failure to respond within the above-identified time period will result in the application being ABANDONED.

See attachment(s).

A copy of this notice MUST be returned with the reply. Please address response to "Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".

/Daxa Patel/
Publication Branch
Office of Data Management
(571) 272-4200

Application No. 16262835



IDENTIFICATION OF APPLICATION DEFICIENCIES IN APPLICATION FILED ON OR AFTER SEPTEMBER 16, 2012

Applicant must provide legible text for the following item(s).

☐ Specification filed , page(s) .

☒ Claims filed 10/12/2021, claim(s) 8, 9 , 17-19, 22, 24, 26-30 and 33.

☐ Other: .

☐ Applicant must provide missing information on the following page(s) of the specification by amending the specification to add the missing text. No new matter may be added.
Page/line no(s).

☐ The specification refers to one or more applications by attorney docket number and does not show the U.S. application number(s). Applicant must supply the U.S. application number in place of each attorney docket number.
Page/line no(s).

☐ Applicant must provide an Abstract of the Disclosure.

☐ The Application Data Sheet (ADS dated) does not supply the inventor's city and/or does not supply the inventor's U.S. state and/or does not supply the inventor's country. Applicant must submit a signed, in accordance with 37 CFR 1.76(e) and 1.33(b), application data sheet that corrects this deficiency. To be in compliance with 37 CFR 1.76, the corrected application data sheet must identify the information being changed by using underlining for additions and strikethroughs or brackets for deletions.

☐ Other:

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United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 11/29/2021

SAMANTHA DIPERNA
12436 POMERADO CT
SAN DIEGO, CA 92128

EXAMINER	
HSIEH, PING Y	

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
11/29/2021	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Application No. : 16262835
Applicant : DiPerna
Filing Date : 01/30/2019
Date Mailed : 11/29/2021

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Notice of Allowance Mailed

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See attachment(s).

A copy of this notice MUST be returned with the reply. Please address response to "Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".

/Daxa Patel/
Publication Branch
Office of Data Management
(571) 272-4200

Application No. 16262835

IDENTIFICATION OF APPLICATION DEFICIENCIES IN APPLICATION FILED ON OR AFTER SEPTEMBER 16, 2012

[X] Applicant must provide legible text for the following item(s).

- [ ] Specification filed , page(s) .
- [X] Claims filed 10/12/2021, claim(s) 8, 9 , 17-19, 22, 24, 26-30 and 33.
- [ ] Other: .

[ ] Applicant must provide missing information on the following page(s) of the specification by amending the specification to add the missing text. No new matter may be added.
Page/line no(s).

[ ] The specification refers to one or more applications by attorney docket number and does not show the U.S. application number(s). Applicant must supply the U.S. application number in place of each attorney docket number.
Page/line no(s).

[ ] Applicant must provide an Abstract of the Disclosure.

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[ ] Other:

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 11/17/2021

SAMANTHA DIPERNA
12436 POMERADO CT
SAN DIEGO, CA 92128

EXAMINER
HSIEH, PING Y

ART UNIT	PAPER NUMBER
2664	

DATE MAILED: 11/17/2021

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

TITLE OF INVENTION: EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	$300	$0.00	$0.00	$300	02/17/2022

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

EXHIBIT 1004
Page 30 of 370

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 11/17/2021

SAMANTHA DIPERNA
12436 POMERADO CT
SAN DIEGO, CA 92128

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

TITLE OF INVENTION: EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	$300	$0.00	$0.00	$300	02/17/2022

EXAMINER	ART UNIT	CLASS-SUBCLASS
HSIEH, PING Y	2664	455-575800

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. Fees submitted: ❑ Issue Fee ❑ Publication Fee (if required) ❑ Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

❑ Electronic Payment via EFS-Web ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

❑ Applicant asserting small entity status. See 37 CFR 1.27

❑ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

EXHIBIT 1004
Page 31 of 370

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 11/17/2021

SAMANTHA DIPERNA
12436 POMERADO CT
SAN DIEGO, CA 92128

EXAMINER	
HSIEH, PING Y	
ART UNIT	PAPER NUMBER
2664	

DATE MAILED: 11/17/2021

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

EXHIBIT 1004
Page 32 of 370

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 16/262,835	Applicant(s) DiPerna et al.	
	Examiner PING Y HSIEH	Art Unit 2664	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☑ This communication is responsive to 10/12/21.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☑ The allowed claim(s) is/are See Continuation Sheet . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see **http://www.uspto.gov/patents/init_events/pph/index.jsp** or send an inquiry to **PPHfeedback@uspto.gov.**

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some* c) ☐ None of the:

   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.
5. ☑ Examiner's Amendment/Comment
6. ☑ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/PING Y HSIEH/
Primary Examiner, Art Unit 2664

Continuation of 3. The allowed claim(s) is/are: 7-9,16-19,22,24,26-30,33 and 35-39

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Samantha DiPerna on 11/9/2021.

The application has been amended as follows:

7. (Currently Amended) A mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data; a location unit, adapted to obtain location data; a transmitting unit, adapted to transmit ~~at least one of~~ the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and a panic button, adapted to, when activated, ready itself to perform ~~at least one of~~ the following panic button functions: (1) dialing a public or private network for an emergency purposes [[or]]and (2) activating the transmitting unit, wherein the panic button is activated by a depressing of the panic button together with another button at substantially the same initial time such that no panic button function is activated unless both buttons are depressed.

16. (Currently Amended) A mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data; a location unit, adapted to obtain location data; a transmitting unit, adapted to transmit as emergency information ~~at least one~~ of the image data, the audio data, and the location data along with specific information including owner identification information; and a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated, wherein the panic button is activated by a ~~depressing~~ series of depressings of the panic button ~~together with another button such that no panic button function is activated unless both buttons are depressed~~.

35. (Currently Amended) A mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data; a location unit, adapted to obtain location data; a transmitting unit, adapted to transmit ~~at least one of~~ the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and a panic button, which, when activated, performs ~~at least one of~~ the following panic button functions: (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, [[or]]and (2) dialing a public or private network for emergency purposes, wherein the panic button is activated by a ~~depressing~~series of depressings of the panic button ~~together with another button such that no panic button function is activated unless both buttons are depressed~~.

36. (Currently Amended) An emergency safety device, comprising: a camera unit, adapted to obtain at least one of image data and audio data; a location unit, adapted to obtain location data; a transmitting unit, adapted to transmit the image data, the audio data, and the location data as emergency information to a specified location via text message, along with specific information including owner identification information; and a panic button, adapted to activate the transmitting unit

when activated, wherein the panic button is activated by a button sequence~~depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed~~.

37. (Currently Amended) ~~An emergency safety~~ A mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data; a location unit, adapted to obtain location data; a transmitting unit, adapted to transmit the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; a panic button~~, adapted to activate the transmitting unit when activated~~; and a self-defense mechanism comprising ~~at least one of~~ a vial containing pepper spray~~, a vial containing~~ or mace~~, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun~~, wherein when the panic button is activated (1) the transmitting unit transmits the image data, the audio data, and the location data as emergency information to the specified location via text along with the specific information including owner identification information, (2) the self-defense mechanism sprays the pepper spray or mace, and (3) the mobile device dials a public or private network for emergency purposes.

38. (New) The mobile device of claim 16, wherein a number of depressings of the panic button to activate the panic button is three.

39. (New) The mobile device of claim 35, wherein a number of depressings of the panic button to activate the panic button is five.

Allowable Subject Matter

Claims 7-9, 16-19, 22, 24, 26-30, 33 and 35-39 are allowed.

The following is an examiner's statement of reasons for allowance: Cited references cannot teach the allowable subject matter or the claimed limitations without hindsight reasoning.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PING Y HSIEH whose telephone number is (571)270-3011. The examiner can normally be reached Monday-Friday, 9am-4pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on (571) 272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: https://patentcenter.uspto.gov. Visit https://www.uspto.gov/patents/apply/patent-center for more information about Patent Center and https://www.uspto.gov/patents/docx for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PING Y HSIEH/
Primary Examiner, Art Unit 2664

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	**Art Unit**
	PING Y HSIEH	2664

CPC - Searched*		
Symbol	**Date**	**Examiner**
H04M1/026, 1/21, 1/72519, 1/72541, 11/04, 1/7255, 1/72552, 2250/10	11/10/2021	PH
F41H9/10	11/10/2021	PH
G08B15/02, 25/016	11/10/2021	PH
H04B1/3888	11/10/2021	PH

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**
455	404.1, 404.2, 427, 12.1, 556.1, 575.1 ,575.6, 90.1, 344, 347, 575.3, 575.4	11/10/2021	PH

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	**Date**	**Examiner**
Text searched in EAST (see search history)	11/10/2021	PH
Inventor name searched	11/10/2021	PH
Concept searched in IP.com, Google Patents, Google Scholar	11/10/2021	PH

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	Art Unit
	PING Y HSIEH	2664

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	See interference search in EAST	11/10/2021	PH

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	Art Unit
	PING Y HSIEH	2664

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	09/16/2020	06/08/2021	11/09/2021						
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	2	-	-	-						
	3	-	-	-						
	4	-	-	-						
	5	-	-	-						
	6	-	-	-						
1	7	✓	✓	=						
17	8	✓	✓	=						
18	9	✓	✓	=						
	10	-	-	-						
	11	-	-	-						
	12	-	-	-						
	13	-	-	-						
	14	-	-	-						
	15	-	-	-						
9	16	✓	✓	=						
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3	18	✓	✓	=						
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	25	✓	-	-						
6	26	✓	✓	=						
7	27	✓	✓	=						
10	28	✓	✓	=						
20	29	✓	✓	=						
8	30	✓	✓	=						
	31	✓	-	-						
	32	✓	✓	-						
11	33	✓	✓	=						
	34	✓	✓	-						
13	35	✓	✓	=						
15	36		✓	=						
16	37		✓	=						
12	38			=						
14	39			=						

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	**Art Unit**
	PING Y HSIEH	2664

CPC						
Symbol					**Type**	**Version**
H04M	/	1	/	026	F	2013-01-01
F41H	/	9	/	10	I	2013-01-01
G08B	/	15	/	02	I	2013-01-01
G08B	/	25	/	016	I	2013-01-01
H04M	/	1	/	724	I	2021-01-01
H04M	/	1	/	72424	I	2021-01-01
H04M	/	1	/	21	I	2013-01-01
H04B	/	1	/	3888	I	2013-01-01
H04M	/	11	/	04	I	2013-01-01
H04M	/	2250	/	10	A	2013-01-01
H04M	/	1	/	72433	A	2021-01-01
H04M	/	1	/	72436	A	2021-01-01

CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
	/		/					

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/PING Y HSIEH/ Primary Examiner, Art Unit 2664	10 November 2021	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office — Part of Paper No.: 20211109

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	**Art Unit**
	PING Y HSIEH	2664

INTERNATIONAL CLASSIFICATION					
CLAIMED					
H04M	/	1	/	00	

NON-CLAIMED					
	/		/		

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

CROSS REFERENCES(S)						
CLASS	**SUBCLASS (ONE SUBCLASS PER BLOCK)**					

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/PING Y HSIEH/ Primary Examiner, Art Unit 2664	10 November 2021	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	**Art Unit**
	PING Y HSIEH	2664

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		10	4	19	10	28	16	37						
	2		11		20	20	29	12	38						
	3		12		21	8	30	14	39						
	4		13	5	22		31								
	5		14		23		32								
	6		15	19	24	11	33								
1	7	9	16		25		34								
17	8	2	17	6	26	13	35								
18	9	3	18	7	27	15	36								

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/PING Y HSIEH/ Primary Examiner, Art Unit 2664	10 November 2021	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office — Part of Paper No.: 20211109

Bibliographic Data

Application No: 16/262,835

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /PING Y HSIEH/ Examiner's Signature | Initials

Title: EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
01/30/2019	455	2664	02-CON3
RULE			

APPLICANTS

INVENTORS

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Jacqueline DiPerna, Newport Beach, CA, UNITED STATES

CONTINUING DATA

This application is a DIV of 13897353 05/17/2013 PAT 10230827

13897353 is a CON of 11333809 01/17/2006 PAT 8472915

11333809 has PRO of 60643865 01/14/2005

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

02/14/2019

**** MICRO ENTITY ****

STATE OR COUNTRY

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FILING FEE RECEIVED

$965

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S618	1	"20190272645".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S617	1	"20180089505".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S616	8	S609 and (audible same (alarm$3 warn$3)) same (word sentence)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S615	58	S609 and (audible same (alarm$3 warn$3)) same (pre$record$3 record$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S614	133	S609 and (audible same (help$3 fire word)) and (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S613	254	S609 and (audible and (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S612	989	S609 and (audible (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S611	7	S609 and (audible same word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S610	601	S609 and (audible word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S609	10,264	S608 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24

S608	40,288	S593 S606	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S607	22,718	S606	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S606	22,718	S594 S595 S596 S597 S598 S599 S600 S601 S602 S603 S604 S605	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S605	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S604	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S603	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S602	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S601	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S600	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S599	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S598	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S597	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S596	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S595	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S594	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24

S593	19,588	S581 S582 S583 S584 S585 S586 S587 S588 S589 S590 S591 S592	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S592	4,960	h04b1/3888.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S591	4,017	g08b25/016.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S590	382	g08b15/02.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S589	597	f41h9/10.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S588	2,961	h04m2250/10.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S587	0	h04m1/72552.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S586	0	h04m1/7255.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S585	2,925	h04m11/04.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S584	0	h04m1/72541.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S583	0	h04m1/72519.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S582	1,941	h04m1/21.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S581	2,828	h04m1/026.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:24
S580	1	"8472915".pn.	USPAT	AND	OFF	2021/11/09 19:24
S579	14	"8472915"	USPAT	AND	OFF	2021/11/09 19:24
S578	60	S577 and @ad<"20050114"	US-PGPUB;	OR	OFF	2021/11/09 19:24

			USPAT; USOCR			
S577	3,166	(tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S576	4	S575 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S575	404	emergency and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S574	48	emergency same message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S573	21	emergency near5 message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S572	4	S571 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:24
S571	149	emergency and message same (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S570	0	emergency near3 message same (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S569	0	emergency near3 message same (tcp/ip and wap and mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S568	1	"6044257".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S567	1	"5742666".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23

S566	11	S565 and S551	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S565	22,718	S564	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S564	22,718	S552 S553 S554 S555 S556 S557 S558 S559 S560 S561 S562 S563	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S563	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S562	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S561	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S560	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S559	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S558	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S557	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S556	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S555	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S554	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S553	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S552	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23

S551	1,550	S550 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S550	5,649	record$3 near3 warn$3	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S549	53	record$3 near3 warn$3 same (where destination)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S548	1	13/897359	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S547	1	"8472915".pn.	USPAT	OR	OFF	2021/11/09 19:23
S546	729	(hold held time) with (press$3 depress$3) near3 button and S545	US-PGPUB; USPAT; USOCR	OR	ON	2021/11/09 19:23
S545	22,718	S533 S534 S535 S536 S537 S538 S539 S540 S541 S542 S543 S544	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S544	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S543	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S542	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S541	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S540	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S539	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S538	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23

S537	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S536	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S535	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S534	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S533	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S532	111,617	(hold held time) with (press$3 depress$3) near3 button	US-PGPUB; USPAT; USOCR	OR	ON	2021/11/09 19:23
S531	25	emergency and speeddial$3	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S530	21	emergency and speeddial	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S529	28	S528 and (press$3 depress$3) near3 button	US-PGPUB; USPAT; USOCR	OR	ON	2021/11/09 19:23
S528	90	("6421001" | "0436806" | "5365570" | "6184796" | "6240303" | "6310609" | "6314179" | "6449496" | "6535726" | "6792298" | "6243039" | "5054051" | "5841849" | "6055439" | "6246751" | "6785387" | "6799163" | "20050085257" | "0406131" | "0477344" | "20030122784" | "20030236088" | "5473671" | "6356258" | "6115597" | "20020141558" | "20040101112" | "20040208304" | "5029196" | "5455857" | "5651056" | "6226532" | "6298122" | "6553222" | "D496638" | "6668179" | "20040046637" | "6681000" | "6236358" | "0374190" | "20020106073" | "20030073426" | "20040229600" | "20040264666" | "5499288" | "5561705" | "6198947" | "6289084" | "6993004" | "6044257" | "0354489" | "0487807" | "0488811" | "5999966" | "6035217" | "6370363" |	US-PGPUB; USPAT; USOCR	OR	ON	2021/11/09 19:23

		"6424706" | "D496639" | "D508028" | "6298131" | "6226510" | "20030081767" | "5351051" | "20020082042" | "4769836" | "5467388" | "5487108" | "5522089" | "5677949" | "6167251" | "6173171" | "6816721" | "20030047860" | "20060015819" | "20030027606" | "5894591" | "20020159571" | "4980910" | "5009507" | "5864603" | "6173194" | "6567671" | "6198914").PN.				
S527	25	("4058237" | "5088624" | "5358144" | "5669529" | "5678730").PN. OR ("5924601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S526	5	("20040204060" | "20050085263" | "20050130702" | "20050130720" | "20050245288").PN.	US-PGPUB; USPAT	OR	OFF	2021/11/09 19:23
S525	5	"6002120"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S524	148	S523 and (pepper near spray mace dye foam$3 near agent stench near ointment stun gun)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S523	884	222/175.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S522	25	("4058237" | "5088624" | "5358144" | "5669529" | "5678730").PN. OR ("5924601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S521	141	vial and (self near defense)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S520	6	(pepper adj spray) and mace and dye and (foam$3 near agent) and (stench near ointment) and (stun near gun)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S519	1	"7515900".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S518	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S517	1	"7069062".pn.	USPAT	OR	OFF	2021/11/09 19:23

S516	2	11/333809.app.	US-PGPUB; USPAT	OR	OFF	2021/11/09 19:23
S515	1	11/333809.app.	USPAT	OR	OFF	2021/11/09 19:23
S514	1	"7515900".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S513	198	S509 and S511	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S512	1,417	S509 and S495	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S511	5,111	emergency and (voice near3 activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S510	1,417	S509 and S495	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S509	22,718	S497 S498 S499 S500 S501 S502 S503 S504 S505 S506 S507 S508	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S508	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S507	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S506	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S505	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S504	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S503	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S502	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23

S501	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S500	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S499	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S498	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S497	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S496	4,487	S495 and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S495	68,824	emergency and (voice activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S494	2	11/333809.app.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S493	289	broadcom and (bluetooth and fm) and single adj chip	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S492	293	broadcom and (bluetooth and fm) and single near2 chip	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S491	2,616	broadcom and (bluetooth and fm)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S490	6	broadcom and (l2cap and fm)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S489	581	self near3 defen$6 near4 mechanism	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S488	4,746	self near3 defen$6	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S487	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23

S486	1	"20040137938".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S485	55	S483 and (camera same (gps location) same (upload report) same (image picture))	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S484	1,273	S483 and camera and (gps location) and (upload report) and (image picture)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S483	22,718	S471 S472 S473 S474 S475 S476 S477 S478 S479 S480 S481 S482	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S482	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S481	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S480	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S479	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S478	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S477	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S476	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S475	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S474	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S473	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S472	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23

S471	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S470	69	(peter near larsson).in. and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S469	1,589	larsson and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S468	1,193	S467 and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S467	25,660	camera and gps and upload and picture	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S466	219	camera same gps same upload same picture	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S465	1	"7437176".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:23
S464	1	"20190272645".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S463	1	"20180089505".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S462	8	S455 and (audible same (alarm$3 warn$3)) same (word sentence)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S461	58	S455 and (audible same (alarm$3 warn$3)) same (pre$record$3 record$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S460	133	S455 and (audible same (help$3 fire word)) and (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S459	254	S455 and (audible and (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:23
S458	989	S455 and (audible (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB;	OR	OFF	2021/11/09 19:23

			USPAT; USOCR			
S457	7	S455 and (audible same word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S456	601	S455 and (audible word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S455	10,264	S454 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S454	40,288	S439 S452	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S453	22,718	S452	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S452	22,718	S440 S441 S442 S443 S444 S445 S446 S447 S448 S449 S450 S451	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S451	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S450	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S449	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S448	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S447	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S446	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S445	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S444	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22

S443	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S442	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S441	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S440	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S439	19,588	S427 S428 S429 S430 S431 S432 S433 S434 S435 S436 S437 S438	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S438	4,960	h04b1/3888.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S437	4,017	g08b25/016.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S436	382	g08b15/02.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S435	597	f41h9/10.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S434	2,961	h04m2250/10.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S433	0	h04m1/72552.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S432	0	h04m1/7255.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S431	2,925	h04m11/04.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S430	0	h04m1/72541.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S429	0	h04m1/72519.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22

S428	1,941	h04m1/21.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S427	2,828	h04m1/026.cpc.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S426	1	"8472915".pn.	USPAT	AND	OFF	2021/11/09 19:22
S425	14	"8472915"	USPAT	AND	OFF	2021/11/09 19:22
S424	60	S423 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S423	3,166	(tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S422	4	S421 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S421	404	emergency and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S420	48	emergency same message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S419	21	emergency near5 message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S418	4	S417 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S417	149	emergency and message same (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S416	0	emergency near3 message same (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22

S415	0	emergency near3 message same (tcp/ip and wap and mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S414	1	"6044257".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S413	1	"5742666".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S412	11	S411 and S397	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S411	22,718	S410	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S410	22,718	S398 S399 S400 S401 S402 S403 S404 S405 S406 S407 S408 S409	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S409	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S408	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S407	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S406	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S405	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S404	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S403	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S402	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22

S401	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S400	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S399	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S398	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S397	1,550	S396 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S396	5,649	record$3 near3 warn$3	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S395	53	record$3 near3 warn$3 same (where destination)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S394	1	13/897359	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S393	1	"8472915".pn.	USPAT	OR	OFF	2021/11/09 19:22
S392	729	(hold held time) with (press$3 depress$3) near3 button and S391	US-PGPUB; USPAT; USOCR	OR	ON	2021/11/09 19:22
S391	22,718	S379 S380 S381 S382 S383 S384 S385 S386 S387 S388 S389 S390	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S390	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S389	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S388	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22

S387	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S386	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S385	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S384	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S383	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S382	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S381	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S380	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S379	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S378	111,617	(hold held time) with (press$3 depress$3) near3 button	US-PGPUB; USPAT; USOCR	OR	ON	2021/11/09 19:22
S377	25	emergency and speeddial$3	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S376	21	emergency and speeddial	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S375	28	S374 and (press$3 depress$3) near3 button	US-PGPUB; USPAT; USOCR	OR	ON	2021/11/09 19:22
S374	90	("6421001" | "0436806" | "5365570" | "6184796" | "6240303" | "6310609" | "6314179" | "6449496" | "6535726" | "6792298" | "6243039" | "5054051" | "5841849" | "6055439" | "6246751" | "6785387" | "6799163" | "20050085257" |	US-PGPUB; USPAT; USOCR	OR	ON	2021/11/09 19:22

		"0406131" | "0477344" | "20030122784" | "20030236088" | "5473671" | "6356258" | "6115597" | "20020141558" | "20040101112" | "20040208304" | "5029196" | "5455857" | "5651056" | "6226532" | "6298122" | "6553222" | "D496638" | "6668179" | "20040046637" | "6681000" | "6236358" | "0374190" | "20020106073" | "20030073426" | "20040229600" | "20040264666" | "5499288" | "5561705" | "6198947" | "6289084" | "6993004" | "6044257" | "0354489" | "0487807" | "0488811" | "5999966" | "6035217" | "6370363" | "6424706" | "D496639" | "D508028" | "6298131" | "6226510" | "20030081767" | "5351051" | "20020082042" | "4769836" | "5467388" | "5487108" | "5522089" | "5677949" | "6167251" | "6173171" | "6816721" | "20030047860" | "20060015819" | "20030027606" | "5894591" | "20020159571" | "4980910" | "5009507" | "5864603" | "6173194" | "6567671" | "6198914").PN.				
S373	25	("4058237" | "5088624" | "5358144" | "5669529" | "5678730").PN. OR ("5924601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S372	5	("20040204060" | "20050085263" | "20050130702" | "20050130720" | "20050245288").PN.	US-PGPUB; USPAT	OR	OFF	2021/11/09 19:22
S371	5	"6002120"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S370	148	S369 and (pepper near spray mace dye foam$3 near agent stench near ointment stun gun)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S369	884	222/175.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S368	25	("4058237" | "5088624" | "5358144" | "5669529" | "5678730").PN. OR ("5924601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/11/09 19:22
S367	141	vial and (self near defense)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22

S366	6	(pepper adj spray) and mace and dye and (foam$3 near agent) and (stench near ointment) and (stun near gun)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S365	1	"7515900".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S364	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S363	1	"7069062".pn.	USPAT	OR	OFF	2021/11/09 19:22
S362	2	11/333809.app.	US-PGPUB; USPAT	OR	OFF	2021/11/09 19:22
S361	1	11/333809.app.	USPAT	OR	OFF	2021/11/09 19:22
S360	1	"7515900".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S359	198	S355 and S357	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S358	1,417	S355 and S341	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S357	5,111	emergency and (voice near3 activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S356	1,417	S355 and S341	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S355	22,718	S343 S344 S345 S346 S347 S348 S349 S350 S351 S352 S353 S354	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S354	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S353	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S352	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S351	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22

S350	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S349	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S348	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S347	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S346	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S345	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S344	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S343	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S342	4,487	S341 and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S341	68,824	emergency and (voice activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S340	2	11/333809.app.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S339	289	broadcom and (bluetooth and fm) and single adj chip	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S338	293	broadcom and (bluetooth and fm) and single near2 chip	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S337	2,616	broadcom and (bluetooth and fm)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S336	6	broadcom and (l2cap and fm)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22

S335	581	self near3 defen$6 near4 mechanism	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S334	4,746	self near3 defen$6	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S333	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S332	1	"20040137938".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S331	55	S329 and (camera same (gps location) same (upload report) same (image picture))	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S330	1,273	S329 and camera and (gps location) and (upload report) and (image picture)	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S329	22,718	S317 S318 S319 S320 S321 S322 S323 S324 S325 S326 S327 S328	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S328	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S327	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S326	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S325	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S324	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S323	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S322	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S321	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22

S320	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S319	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S318	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S317	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S316	69	(peter near larsson).in. and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S315	1,589	larsson and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S314	1,193	S313 and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S313	25,660	camera and gps and upload and picture	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S312	219	camera same gps same upload same picture	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22
S311	1	"7437176".pn.	US-PGPUB; USPAT	OR	ON	2021/11/09 19:22

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S620	128	(camera and (location gps) and (server dispatch center emergency) and (self near defens$3 spray mace dye vial stench stun$4 near gun)).clm.	US-PGPUB; USPAT	OR	OFF	2021/11/09 19:24
S619	128	(camera and (location gps) and (server dispatch center emergency) and (self near defens$3 spray mace dye vial stench stun$4 near gun)).clm.	US-PGPUB; USPAT	OR	OFF	2021/11/09 19:22

11/9/2021 8:31:21 PM
C:\Users\phsieh\Documents\EAST\Workspaces\16262835_13897359_11333809_emergency_protection_mobile_device.wsp

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 11/04/2021

Samantha DIPERNA
12436 Pomerado CT
San Diego, CA 92128

EXAMINER	
HSIEH, PING Y	

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
11/04/2021	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Before the Filing of an Appeal Brief	**Application No.** 16/262,835	**Applicant(s)** DiPerna et al.	
	Examiner PING Y HSIEH	**Art Unit** 2664	**AIA (FITF) Status** No

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 21 October 2021 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

NO NOTICE OF APPEAL FILED

1. ☑ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:
   a) ☑ The period for reply expires 3 months from the mailing date of the final rejection.
   b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
   c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection.The current period for reply expires ____ months from the mailing date of *the prior Advisory Action* or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.
   Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANTS FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37CFR 41.37(a).

AMENDMENTS

3. ☑ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because
   a) ☑ They raise new issues that would require further consideration and/or search (see NOTE below);
   b) ☐ They raise the issue of new matter (see NOTE below);
   c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
   d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.
   NOTE: _____ (See 37CFR 1.116 and 41.33(a)).
4. ☐ The amendments are not in compliance with 37CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicants reply has overcome the following rejection(s): _____
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☑ For purposes of appeal, the proposed amendment(s):(a) ☑ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____
9. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
10. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
11. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

12. ☑ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
13. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____
14. ☐ Other: _____.

STATUS OF CLAIMS

15. The status of the claim(s) is (or will be) as follows:
    Claim(s) allowed:_____.
    Claim(s) objected to:_____.
    Claim(s) rejected:7-9,16-19,22,24,26-30 and 32-37.
    Claim(s) withdrawn from consideration:_____.

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

Continuation of REQUEST FOR RECONSIDERATION/OTHER 12. The request for reconsideration has been considered but does NOT place the application in condition for allowance because: Proposed amendment raises new issues for at least claims 7 and 35 which do not include all the allowable subject matter as discussed during interview on 10/6/21.

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DO NOT ENTER: /P.Y.H/

Patent Application

U.S. Appln. No.	16/262,835
Inventors:	Samantha DiPerna, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsieh
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

October 12, 2021
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL RESPONSE TO FINAL OFFICE ACTION, TERMINAL DISCLAIMER, AND STATEMENT OF SUBSTANCE OF INTERVIEW

A Response After Final Action was filed on September 13, 2021.

This Supplemental Response is being filed further to the telephone interview with Examiner Hsieh on October 6, 2021 and the Advisory Action mailed on October 7, 2021.

Please further amend the subject application as follows, and consider the Remarks presented herein. The Applicants note that the Advisory Action states that the amendments presented in the Response filed on September 13, 2021 were **not** entered.

An **AFCP 2.0 Request** (After Final Consideration Pilot program request) is also being submitted herewith in the event the Examiner believes there are any issues that remain outstanding.

Accordingly, submitted herewith are: (1) an AFCP 2.0 Request, (2) this Supplemental Response, (3) a Terminal Disclaimer, and (4) a credit card payment form authorizing payment of $225 in total which includes $55 for a one-month extension fee plus $170 for the Terminal Disclaimer fee.

Certificate of Transmission Under 37 C.F.R. 1.8(a)
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at Fax No. 571-273-8300 on: **October 12, 2021**

/Samantha DiPerna/
Signature

Samantha DiPerna
Type or print name of person certifying

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Application Number	Application/Control No.	Applicant(s)/Patent under Reexamination	
* 16/262,835 *	16/262,835	DiPema et al.	
	Examiner	**Art Unit**	
	HSIEH, PING Y	2664	

Document Code - DISQ	**Internal Document - DO NOT MAIL**

TERMINAL DISCLAIMER	☑ APPROVED	☐ DISAPPROVED
Date Filed: **12 October 2021**	**This patent is subject to a Terminal Disclaimer**	

Approved/Disapproved by:

/JEAN PROCTOR/

Technology Center: OPLC

Telephone: (571)272-1040



United States Patent and Trademark Office

Office of the Chief Financial Officer

Document Code:WFEE

User :C44690

Sale Accounting Date:10/13/2021

Sale Item Reference Number	Effective Date
16262835	10/12/2021

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I20210CA31330657	3251	EXTENSION FOR RESPONSE WITHIN 1ST MONTH	$55.00	Credit Card
I20210CA31330657	3814	STATUTORY OR TERMINAL DISCLAIMER	$170.00	Credit Card

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TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT	Docket Number (Optional) 02-CON3

In re Application of: Samantha DIPERNA, et al.

Application No.: 16/262,835

Filed: January 30, 2019

For: EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

The applicant, Samantha DIPERNA and Jacqueline DIPERNA, owner of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of **prior patent** No. 8,472,915 as the term of said prior patent is presently shortened by any terminal disclaimer. The applicant hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the **prior patent** are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the applicant does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the **prior patent**, "as the term of said **prior patent** is presently shortened by any terminal disclaimer," in the event that said **prior patent** later:

expires for failure to pay a maintenance fee;
is held unenforceable;
is found invalid by a court of competent jurisdiction;
is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
has all claims canceled by a reexamination certificate;
is reissued; or
is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. ☑ The undersigned is the applicant. If the applicant is an assignee, the undersigned is authorized to act on behalf of the assignee.

I hereby acknowledge that any willful false statements made are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

2. ☐ The undersigned is an attorney or agent of record. Reg. No._____

/Samantha DIPERNA/ and /Jacqueline DIPERNA/ — Signature
October 12, 2021 — Date

Samantha DIPERNA and Jacqueline DIPERNA — Typed or printed name

Pro Se — Title
480-213-0179 — Telephone Number

☑ Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Patent Application

U.S. Appln. No.	16/262,835
Inventors:	Samantha DiPerna, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsieh
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

October 12, 2021
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL RESPONSE TO FINAL OFFICE ACTION, TERMINAL DISCLAIMER, AND STATEMENT OF SUBSTANCE OF INTERVIEW

A Response After Final Action was filed on September 13, 2021.

This Supplemental Response is being filed further to the telephone interview with Examiner Hsieh on October 6, 2021 and the Advisory Action mailed on October 7, 2021.

Please further amend the subject application as follows, and consider the Remarks presented herein. The Applicants note that the Advisory Action states that the amendments presented in the Response filed on September 13, 2021 were **not** entered.

An **AFCP 2.0 Request** (After Final Consideration Pilot program request) is also being submitted herewith in the event the Examiner believes there are any issues that remain outstanding.

Accordingly, submitted herewith are: (1) an AFCP 2.0 Request, (2) this Supplemental Response, (3) a Terminal Disclaimer, and (4) a credit card payment form authorizing payment of $225 in total which includes $55 for a one-month extension fee plus $170 for the Terminal Disclaimer fee.

Certificate of Transmission Under 37 C.F.R. 1.8(a)
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at Fax No. 571-273-8300 on: October 12, 2021

/Samantha DiPerna/
Signature

Samantha DiPerna
Type or print name of person certifying

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EXHIBIT 1004
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IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings. *The Applicants note from the Advisory Action that the amendments presented in the Response filed on September 13, 2021 were* ***not*** *entered. Accordingly, those same amendments are being presented herein along with further amendments as discussed in the Remarks below.*

1. - 6. (Canceled)

7. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit ~~at least one of the image data, the audio data, and~~ the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, adapted to, when activated, ready itself to perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit,

wherein the panic button is activated by a depressing of the panic button together with another button at substantially the same initial time such that no panic button function is activated unless both buttons are depressed.

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EXHIBIT 1004
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8. (Previously Presented) The mobile device as set forth in claim 37, further comprising a voice activation unit, adapted to activate the panic button using a voice command.

9. (Previously Presented) The mobile device as set forth in claim 37, wherein the panic button is activated by a series of depressings of the panic button.

10. - 15. (Canceled)

16. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit as emergency information ~~at least one of~~ the image data, the audio data, and the location data along with specific information including owner identification information; and

a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated,

wherein the panic button is activated by a ~~depressing~~ series of depressings of the panic button ~~together with another button such that no panic button function is activated unless both buttons are depressed~~.

17. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a time and date stamp.

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18. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period.

19. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button is silent.

20. – 21. (Canceled)

22. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button activates an audible warning message, wherein the audible warning message includes words.

23. (Canceled)

24. (Previously Presented) The mobile device as set forth in Claim 37, wherein the panic button is activated by a depressing of the panic button for a predetermined time period.

25. (Canceled)

26. (Previously Presented) The mobile device as set forth in Claim 7, wherein the panic button activates an audible alarm.

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27. (Previously Presented) The mobile device as set forth in Claim 7, further comprising a safety switch that, upon being moved into position, readies the panic button to contact the public or private network for emergency purposes when the panic button is activated.

28. (Previously Presented) The mobile device as set forth in claim 16, wherein when the panic button is activated a public or private network for emergency purposes is dialed.

29. (Previously Presented) The mobile device as set forth in claim 37, wherein the panic button is activated when pressed along with an emergency touchpad picture.

30. (Previously Presented) A mobile device as set forth in claim 7, wherein the owner identification information includes a name and a description of the owner of the mobile device.

31. (Canceled)

32. (Canceled)

33. (Previously Presented) A mobile device as set forth in claim 16, wherein the specific information includes a pre-recorded emergency message.

34. (Canceled)

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35. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit ~~at least one of the image data, the audio data, and~~ the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, which, when activated, perform at least one of the following panic button functions: (1) activating the ~~camera unit, the location unit, and the~~ transmitting unit to send the emergency information and the specific information to the specified location, or (2) dialing a public or private network for emergency purposes,

wherein the panic button is activated by a ~~depressing~~ series of depressings of the panic button ~~together with another button such that no panic button function is activated unless both buttons are depressed~~.

36. (Currently Amended) An emergency safety device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit the image data, the audio data, and the location data as emergency information to a specified location via text message, along with specific information including owner identification information; and

a panic button, adapted to activate the transmitting unit when activated,

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EXHIBIT 1004
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wherein the panic button is activated by a button sequence ~~depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed~~.

37. (Currently Amended) ~~An emergency safety~~ A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information;

a panic button~~, adapted to activate the transmitting unit when activated~~; and

a self-defense mechanism comprising ~~at least one of~~ a vial containing pepper spray~~, a vial containing~~ or mace~~, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun~~,

wherein when the panic button is activated (1) the transmitting unit transmits the image data, the audio data, and the location data as emergency information to the specified location via text along with the specific information including owner identification information, (2) the self-defense mechanism sprays the pepper spray or mace, and (3) the mobile device dials a public or private network for emergency purposes.

38. (New) The mobile device of claim 16, wherein a number of depressings of the panic button to activate the panic button is three.

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39. (New) The mobile device of claim 35, wherein a number of depressings of the panic button to activate the panic button is five.

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REMARKS

Introduction and status of the claims

Claims 7-9, 16-19, 22, 24, 26-30, 33, and 35-39 are pending in this application.

Claims 7, 16, and 35-37 have been amended. *The Applicants note from the Advisory Action that the amendments presented in the Response filed on September 13, 2021 were not entered. Accordingly, those same amendments are being presented herein along with further amendments as discussed below.*

Claims 32 and 34 have been canceled without prejudice or disclaimer of subject matter.

Claims 38 and 39 have been added.

Claims 7, 16, and 35-37 are in independent form.

An **AFCP 2.0 Request** (After Final Consideration Pilot program request) is also being submitted herewith in the event that the Examiner believes there are any issues that remain outstanding.

Statement of Substance of Interview

On October 7, 2021 the Examiner mailed an Advisory Action which included an Interview Summary regarding the telephone interview that occurred on October 6, 2021.

The Examiner's Interview Summary is hereby affirmed. First, during the Interview the Examiner noted that a Terminal Disclaimer is required to overcome the nonstatutory double patenting rejections involving U.S. Patent No. 8,472,915. Accordingly, the Applicants submit herewith said Terminal Disclaimer, along with the Terminal Disclaimer fee of $170.00 under 37 C.F.R. 1.20(d).

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Second, during the Interview the Examiner stated that independent claim 16 is allowable and that independent claims 7 and 35-37 would be allowable if amended similar to independent claim 16 removing "at least one" for the transmitting information and including information captured by a camera. The Applicants note with appreciation the Examiner's statement of allowable subject matter.

In line with the Examiner's suggestion the Applicants have further amended independent claims 36 and 37 to recite a camera unit, adapted to obtain at least one of image data and audio data, and to recite that the transmitting unit is adapted to transmit the image data, the audio data, and the location data as emergency information. Accordingly, the Applicant submits that claims 36 and 37 are allowable.

With respect to independent claims 7 and 35 the Applicants have amended "a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data" to "a transmitting unit, adapted to transmit the location data." While this amendment differs somewhat from the Examiner's suggestion the Applicants nevertheless submit that amended claims 7 and 35 with all of the other features they recite are allowable.

All of the dependent claims are allowable at least by virtue of their dependencies.

The Applicants greatly appreciate the Examiner's time during the interview which helped to save on USPTO RCE fees.

Conclusion

In view of the foregoing amendments and remarks, the Applicants respectfully requests favorable reconsideration and early passage to issue of the present application.

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Petition for Extension of Time and Extension Fee: The Applicants hereby petition to extend the time for response to the Office Action of September 10, 2021, for one (1) month, to October 12, 2021. (It is noted that October 10, 2021 was a Sunday and October 11, 2021 was a Federal Holiday.) The amount of $55 in payment of the extension fee is submitted herewith.

Terminal Disclaimer fee: As noted above, also being submitted herewith is the fee of $170 for a Terminal Disclaimer under 37 C.F.R. 1.20(d).

As noted above, also submitted herewith is a credit card payment form authorizing payment of $225 in total which includes $55 for the one-month extension fee plus $170 for the Terminal Disclaimer fee.

Respectfully submitted,

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Doc Code: A.NE.AFCP
Document Description: After Final Consideration Pilot Program Request

PTO/SB/434 (05-13)

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0

Practitioner Docket No.:	Application No.:	Filing Date:
16/262,835	02-CON3	01-30-2019
First Named Inventor:	**Title:**	
Samantha DIPERNA	Emergency Personal Protection System Integrated With Mobile Devices	

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116.

1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (*e.g.*, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c).
2. The above-identified application contains an outstanding final rejection.
3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect.
4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection.
5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response.
6. This certification and request is being filed electronically using the Office's electronic filing system (EFS-Web).
7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.]
8. By filing this certification and request, applicant acknowledges the following:
   - Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0.
   - The examiner will verify that the AFCP 2.0 submission is compliant, *i.e.*, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions:
     - The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, by mailing an advisory action.
     - If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview.
       - The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate.
       - If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.

Signature	Date
/Samantha DiPerna/ & /Jacqueline DiPerna/	October 12, 2021
Name (Print/Typed) Samantha DiPerna & Jacqueline DiPerna	**Practitioner Registration No.** Pro Se

Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below.*

☑ * Total of 1 forms are submitted.

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 16/262,835	Filing Date 01/30/2019	☐ To be Mailed

ENTITY: ☐ LARGE ☐ SMALL ☑ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $25 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $115 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	10/12/2021	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 23	= 0		x $25 =	0
	Independent (37 CFR 1.16(h))	* 5	Minus	*** 5	= 0		x $120 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	SLIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/KAREN L VESTAL/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 10/07/2021

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EXAMINER	
HSIEH, PING Y	

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
10/07/2021	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Before the Filing of an Appeal Brief	**Application No.** 16/262,835	**Applicant(s)** DiPerna et al.	
	Examiner PING Y HSIEH	**Art Unit** 2664	**AIA (FITF) Status** No

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 13 September 2021 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

NO NOTICE OF APPEAL FILED

1. ☑ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:
   a) ☑ The period for reply expires 3 months from the mailing date of the final rejection.
   b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
   c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection.The current period for reply expires ____ months from the mailing date of *the prior Advisory Action* or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.
   Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANTS FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37CFR 41.37(a).

AMENDMENTS

3. ☑ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because
   a) ☑ They raise new issues that would require further consideration and/or search (see NOTE below);
   b) ☐ They raise the issue of new matter (see NOTE below);
   c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
   d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.
   NOTE: See Continuation Sheet (See 37CFR 1.116 and 41.33(a)).
4. ☐ The amendments are not in compliance with 37CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicants reply has overcome the following rejection(s): _____
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☑ For purposes of appeal, the proposed amendment(s):(a) ☑ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____
9. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
10. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
11. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

12. ☑ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
13. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____
14. ☑ Other: PTO-2323.

STATUS OF CLAIMS

15. The status of the claim(s) is (or will be) as follows:
    Claim(s) allowed:_____.
    Claim(s) objected to:_____.
    Claim(s) rejected:7-9,16-19,22,24,26-30 and 32-37.
    Claim(s) withdrawn from consideration:_____.

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

Continuation of REQUEST FOR RECONSIDERATION/OTHER 12. The request for reconsideration has been considered but does NOT place the application in condition for allowance because: Claim 16 of proposed amendment overcomes current rejection. Claims 7 and 35-37 of proposed amendment would not overcome current rejection unless amended similar to claim 16 removing "at least one" for the transmitting information and including information captured by camera. Terminal disclaimer is required to overcome double patenting rejection.

Applicant-Initiated Interview Summary	**Application No.** 16/262,835	**Applicant(s)** DiPerna et al.		
	Examiner PING Y HSIEH	**Art Unit** 2664	**AIA (First Inventor to File) Status** No	**Page** 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	**Title**	**Type**
PING Y HSIEH	Primary Examiner	Telephonic
Samantha DiPerna	Inventor	
Raymond DiPerna	Attorney	

Date of Interview: 06 October 2021

Issues Discussed:

35 U.S.C. 103

Claim 16 of proposed amendment overcomes current rejection. Claims 7 and 35-37 of proposed amendment would not overcome current rejection unless amended similar to claim 16 removing "at least one" for the transmitting information and including information captured by camera.

Other

Terminal disclaimer is required to overcome double patenting rejection.

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04
Please further see:
MPEP 713.04
Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b)
37 CFR § 1.2 Business to be transacted in writing

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

AFCP 2.0 Decision

Application No.	Applicant(s)	
16/262,835	DiPerna et al.	
Examiner	**Art Unit**	**AIA (FITF) Status**
PING Y HSIEH	2664	No

This is in response to the After Final Consideration Pilot request filed 13 September 2021.

1. **Improper Request** – The AFCP 2.0 request is improper for the following reason(s) and the after final amendment submitted with the request will be treated under pre-pilot procedure.

   ☐ An AFCP 2.0 request form PTO/SB/434 (or equivalent document) was not submitted.

   ☐ A non-broadening amendment to at least one independent claim was not submitted.

   ☐ The request is not the first proper AFCP 2.0 request submitted in response to the most recent final rejection.

   ☐ Other: _____

2. **Proper Request**

   A. After final amendment submitted with the request will not be treated under AFCP 2.0.
   The after final amendment cannot be reviewed and a search conducted within the guidelines of the pilot program.

   ☐ The after final amendment will be treated under pre-pilot procedure.

   B. Updated search and/or completed additional consideration.
   The examiner performed an updated search and/or completed additional consideration of the after final amendment within the time authorized for the pilot program. The result(s) of the updated search and/or completed additional consideration are:

   ☐ 1. All of the rejections in the most recent final Office action are overcome and a Notice of Allowance is issued herewith.

   ☑ 2. The after final amendment would not overcome all of the rejections in the most recent final Office action . See attached interview summary for further details.

   ☐ 3. The after final amendment was reviewed, and it raises a new issue(s). See attached interview summary for further details.

   ☐ 4. The after final amendment raises new issues, but would overcome all of the rejections in the most recent final Office action. A decision on determining allowability could not be made within the guidelines of the pilot. See attached interview summary for further details, including any newly discovered prior art.

   ☐ 5. Other: _____

   Examiner Note: Please attach an interview summary when necessary as described above.

DO NOT ENTER: /P.Y.H/

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SEP 13 2021

Patent Application

U.S. Appln. No.	16/262,835
Inventors:	Samantha, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsich
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

September 10, 2021

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE FINAL OFFICE ACTION
AND
FORMAL REQUEST FOR TELEPHONE INTERVIEW

In response to the final Office Action mailed on June 10, 2021, please further amend the above-application as follows, and consider the Remarks presented herein.

An AFCP 2.0 Request (After Final Consideration Pilot program request) is being submitted herewith.

Certificate of Transmission Under 37 C.F.R. 1.8(a)
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at Fax No. 571-273-8300 on: **September 10, 2021**

/Samantha DiPerna/
Signature

Samantha DiPerna
Type or print name of person certifying

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 16/262,835	Filing Date 01/30/2019	☐ To be Mailed

ENTITY: ☐ LARGE ☐ SMALL ☑ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $25 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $115 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	09/13/2021	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 23	= 0		x $25 =	0
	Independent (37 CFR 1.16(h))	* 5	Minus	*** 5	= 0		x $120 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/TARA J WITCHER/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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SEP 13 2021

Patent Application

U.S. Appln. No.	16/262,835
Inventors:	Samantha, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsich
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

September 10, 2021

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE FINAL OFFICE ACTION
AND
FORMAL REQUEST FOR TELEPHONE INTERVIEW

In response to the final Office Action mailed on June 10, 2021, please further amend the above-application as follows, and consider the Remarks presented herein.

An AFCP 2.0 Request (After Final Consideration Pilot program request) is being submitted herewith.

Certificate of Transmission Under 37 C.F.R. 1.8(a)
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at Fax No. 571-273-8300 on: **September 10, 2021**

/Samantha DiPerna/
Signature

Samantha DiPerna
Type or print name of person certifying

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. - 6. (Canceled)

7. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, adapted to, when activated, ready itself to perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit,

wherein the panic button is activated by a depressing of the panic button together with another button at substantially the same initial time such that no panic button function is activated unless both buttons are depressed.

8. (Previously Presented) The mobile device as set forth in claim 37, further comprising a voice activation unit, adapted to activate the panic button using a voice command.

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EXHIBIT 1004
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9. (Previously Presented) The mobile device as set forth in claim 37, wherein the panic button is activated by a series of depressings of the panic button.

10. - 15. (Canceled)

16. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit as emergency information ~~at least one of~~ the image data, the audio data, and the location data along with specific information including owner identification information; and

a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated,

wherein the panic button is activated by a ~~depressing~~ series of depressings of the panic button ~~together with another button such that no panic button function is activated unless both buttons are depressed~~.

17. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a time and date stamp.

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EXHIBIT 1004
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18. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period.

19. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button is silent.

20. – 21. (Canceled)

22. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button activates an audible warning message, wherein the audible warning message includes words.

23. (Canceled)

24. (Previously Presented) The mobile device as set forth in Claim 37, wherein the panic button is activated by a depressing of the panic button for a predetermined time period.

25. (Canceled)

26. (Previously Presented) The mobile device as set forth in Claim 7, wherein the panic button activates an audible alarm.

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27. (Previously Presented) The mobile device as set forth in Claim 7, further comprising a safety switch that, upon being moved into position, readies the panic button to contact the public or private network for emergency purposes when the panic button is activated.

28. (Previously Presented) The mobile device as set forth in claim 16, wherein when the panic button is activated a public or private network for emergency purposes is dialed.

29. (Previously Presented) The mobile device as set forth in claim 37, wherein the panic button is activated when pressed along with an emergency touchpad picture.

30. (Previously Presented) A mobile device as set forth in claim 7, wherein the owner identification information includes a name and a description of the owner of the mobile device.

31. (Canceled)

32. (Canceled)

33. (Previously Presented) A mobile device as set forth in claim 16, wherein the specific information includes a pre-recorded emergency message.

34. (Canceled)

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EXHIBIT 1004
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35. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, which, when activated, perform at least one of the following panic button functions: (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, or (2) dialing a public or private network for emergency purposes,

wherein the panic button is activated by a ~~depressing~~ series of depressings of the panic button ~~together with another button such that no panic button function is activated unless both buttons are depressed~~.

36. (Currently Amended) An emergency safety device, comprising:

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit the location data as emergency information to a specified location via text message, along with specific information including owner identification information; and

a panic button, adapted to activate the transmitting unit when activated,

wherein the panic button is activated by a button sequence ~~depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed~~.

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37. (Currently Amended) ~~An emergency safety~~ A mobile device, comprising:

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit the location data as emergency information to a specified location, along with specific information including owner identification information;

a panic button~~, adapted to activate the transmitting unit when activated~~; and

a self-defense mechanism comprising ~~at least one of~~ a vial containing pepper spray~~, a vial containing~~ or mace~~, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun~~,

wherein when the panic button is activated (1) the transmitting unit transmits the location data as emergency information to the specified location via text along with the specific information including owner identification information, (2) the self-defense mechanism sprays the pepper spray or mace, and (3) the mobile device dials a public or private network for emergency purposes.

38. (New) The mobile device of claim 16, wherein a number of depressings of the panic button to activate the panic button is three.

39. (New) The mobile device of claim 35, wherein a number of depressings of the panic button to activate the panic button is five.

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REMARKS

Introduction and status of the claims

Claims 7-9, 16-19, 22, 24, 26-30, 33, and 35-39 are now presented for examination.

Claims 7, 16, and 35-37 have been amended.

Claims 32 and 34 have been canceled without prejudice or disclaimer of subject matter.

Claims 38 and 39 have been added.

Claims 7, 16, and 35-37 are in independent form.

Statement of Substance of Interview

On July 8, 2021 the Examiner mailed an Interview Summary regarding the telephone interview that occurred on July 6, 2021.

During the Interview the claims were discussed and in particular the newly cited reference Deubler. Applicant noted that Deubler does not teach or suggest the feature in which "*the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed*," as recited for example in independent claim 7. Instead of detailing that argument here Applicant will instead present the argument again below. The Examiner was receptive to the argument but stated that he would consider the amendment/argument in full when the written response was filed. Applicant provides the argument below and also has amended claim 7 along with other claims to make the distinction over Deubler even more clear.

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Also during the interview, Applicant noted that the Examiner did not consider in the Office Action the arguments for some of the dependent claims. Those arguments are again presented below.

The Examiner is thanked for his time and professionalism during the interview.

Formal Request for Telephone Interview in connection with AFCP 2.0

This response is believed clearly to place this application in condition for allowance. Nevertheless, the Applicant hereby requests a further telephone interview as part of the AFCP 2.0 program to occur after the Examiner has reviewed this response, in an effort to facilitate allowance and save on official fees, should the Examiner believe that issues remain outstanding. As always the Applicants appreciate the Examiner's professionalism and assistance.

The claim rejections under 35 U.S.C. 102 & 103

Claims 7, 16-19, 26, 28, and 35 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp (US 7,515,900) in view of Griffin (US 2004/0121756) and further in view of Deubler (US 2004/0137938).

Claims 22 and 33 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Griffin, Deubler, and further in view of Lin (US 2006/0068752).

Claim 27 was rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Griffin, Deubler, and further in view of Boling (US 6,044,257).

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Claim 36 was rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Deubler.

Claims 8, 9, 24, 29, 32, 34, and 37 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Park (US 2002/0108966).

Applicants submit that independent claims 7, 16, and 35-37, together with the claims dependent therefrom, are patentably distinct from the cited references for at least the following reasons.

Independent claim 7

Independent claim 7 as amended is directed to the following:

7. A mobile device, comprising:
a camera unit, adapted to obtain at least one of image data and audio data;
a location unit, adapted to obtain location data;
a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and
a panic button, adapted to, when activated, ready itself to perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit,
wherein the panic button is activated by a depressing of the panic button together with another button ***at substantially the same initial time*** *such that no panic button function is activated unless both buttons are depressed.*

The general nature of Van Camp and Griffin has been discussed at length in previous papers and it is not believed to be necessary to repeat those discussions. In the **previous** Office Action dated September 18, 2020 the Examiner took the position that Van Camp (col. 10, lines 49-51) showed the feature in which the panic button is activated by a depressing of the panic button together with another button. In the response filed on March 22, 2021 Applicant argued in rebuttal as follows:

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However, that section of Van Camp merely states: "For emergency assistance requests, the user may depress the POLICE 911 DIRECT button and/or the EMERGENCY CENTER button." Thus, pressing ***only one button*** *in Van Camp will activate a panic button function. However, in the claimed invention, in stark contrast, the panic button is activated by a depressing of the panic button together with another button* ***such that no panic button function is activated unless both buttons are depressed.*** *By virtue of this feature, accidental triggering of the panic button functions can be avoided.*

Accordingly, Van Camp does not teach or suggest this feature.

Griffin also does not teach or suggest this feature and indeed the Office Action cites Griffin for teaching a camera unit and related features.

In the present Office Action dated June 10, 2021 the Examiner agrees that the combination of Van Camp and Griffin does not teach the above-noted feature of claim 7, but cites Deubler as teaching this feature. Specifically, in the present Office Action the Examiner states on page 10: *"The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler."* The Examiner cites paragraph 42 of Deubler.

Paragraph 42 of Deubler states as follows:

[0042] "Wireless communication device 100 may include an emergency call button, 126. The emergency call button 126 is used in conjunction with the Send button to effectuate emergency dialing (e.g. causing the dialing of 911). In one embodiment, the emergency call button 126 is ***pressed and held down*** **causing the emergency call number (i.e. 911) to appear on the display and the indicator light to glow red** (the display and indicator light are described more fully later in this application), ***then the Send button is pressed*** while the emergency call button is held down and a call is placed to the emergency call number. This double trigger approach to emergency dialing reduces the chance of the child accidentally calling the emergency call number by pressing an emergency call button alone. The emergency call button on the wireless communication device may be labeled with an appropriate icon (e.g. a red cross)." (Emphasis added.)

Accordingly, as noted to the Examiner during the telephone interview of July 6, 2021, in Deubler, one button (emergency call button 126) is "*pressed and held down*"

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causing some action on the display and with the indicator light ***and then*** another button (the Send button) is pressed.

However, in the embodiment of amended claim 7, in stark contrast, "the panic button is activated by a depressing of the panic button together with another button **at substantially the same initial time**". Thus, Deubler does not in fact supply what is missing from Van Camp and Griffin. The Examiner was receptive to this argument during the interview.

Accordingly, amended claim 7 is seen to be patentable over Van Camp, Griffin, and Deubler, whether those references are considered either separately or in any permissible combination (if any).

Independent claim 16

Independent claim 16 as amended recites:

16. A mobile device, comprising:
a camera unit, adapted to obtain at least one of image data and audio data;
a location unit, adapted to obtain location data;
*a transmitting unit, adapted to transmit as emergency information the image data, the audio data, **and** the location data along with specific information including owner identification information; and*
a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated,
*wherein the panic button is activated by a **series of depressings** of the panic button.*

First, claim 16 as amended recites "a transmitting unit, adapted to transmit as emergency information the image data, the audio data, **and** the location data along with specific information including owner identification information." Accordingly, in amended claim 16, **all four** pieces of information are transmitted by the transmitting unit

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when the panic button is activated: the image data, the audio data, the location data (as "the emergency information"), along with the specific information including owner identification information.

The Office Action at pages 10-11 cites Van Camp as teaching obtaining location data (positioning system 212, col. 5 line 60-col. 6 line 8), and cites Griffin as teaching "at least one of image data and audio data (paragraph 46)." However, paragraph 46 of Griffin only teaches image data. Thus the combination of references does not teach transmitting **all four** pieces of information as identified above, when the panic button is activated.

Second, amended claim 16 further recites "wherein the panic button is activated **by a series of depressings** of the panic button." This feature was formerly recited in dependent claim 9. In rejecting that claim the Office Action on page 17 cites Van Camp (col. 11 lines 40-49). Applicant has carefully reviewed that section of Van Camp **and is unable to find any teaching of a panic button being activated by a series of depressings of the panic button**. That section of Van Camp merely discusses that the remote unit 112 may include "an ALARM key for quick activation of the alarm, or may respond to a voice command." **There is no teaching of the ALARM key being activated by a series of depressings of the ALARM key.** It is stated in that section of Van Camp that *"The remote unit 112 may also be configured to request an identification number or code word for activating the alarm (712). If the proper identification number is not entered, the remote unit 112 suitably prompts the user to enter the correct number (716). If the proper identification number is not entered within a selected number of attempts (714) or a selected time period (718, 720), the remote unit 112 may terminate*

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the alarm process and restore functionality to the POWER button (740, 742)." This merely relates to a user being given a selected number of attempts to enter the correct identification number for activating the alarm. **This is not a teaching of the ALARM key being activated by a series of depressings of the ALARM key**. Thus, Van Camp does not teach or suggest "wherein the panic button is activated by a series of depressings of the panic button," as recited in amended claim 16.

Moreover, Applicant notes that it is well settled that using impermissible hindsight to pick and choose references/features to make out an obviousness rejection is not permitted. MPEP 2142: "*impermissible hindsight must be avoided.*"

For at least the foregoing reasons, amended independent claim 16 is patentable over the cited references.

Independent claim 35 as amended recites certain features which are similar in relevant respects to certain of the features discussed above, and therefore claim 35 is patentable for similar reasons.

Independent claim 36

Independent claim 36 as amended recites:

36. An emergency safety device, comprising:
a location unit, adapted to obtain location data;
*a transmitting unit, adapted to transmit the location data as emergency information to a specified location **via text message**, along with specific information including owner identification information; and*
a panic button, adapted to activate the transmitting unit when activated,
*wherein the panic button is activated by a **button sequence**.*

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Support for the features of the transmitting unit adapted to transmit the location data as emergency information to a specified location **via text message** can be found in the present specification on, e.g., page 12, lines 6-20.

Support for the feature wherein the panic button is activated by a **button sequence** can be found in the present specification on, e.g., page 14, lines 4-5, and page 15, lines 1-4.

The cited references do not teach or suggest an emergency safety device having the above features as recited in claim 36 as amended.

Accordingly, claim 36 is patentable over the cited references.

Independent claim 37

Independent claim 37 as amended recites:

37. (Currently Amended) A mobile device, comprising:
a location unit, adapted to obtain location data;
a transmitting unit, adapted to transmit the location data as emergency information to a specified location, along with specific information including owner identification information;
a panic button; and
a self-defense mechanism comprising a vial containing pepper spray or mace,
*wherein when the panic button is activated **(1)** the transmitting unit transmits the location data as emergency information to the specified location **via text** along with the specific information including owner identification information, **(2)** the self-defense mechanism sprays the pepper spray or mace, **and (3)** the mobile device dials a public or private network for emergency purposes.*

The cited references do not teach or suggest an emergency safety device having the above features as recited in amended claim 37. The Examiner alleges on page 17 of the Office Action that it would have been obvious to combine the teachings of Van Camp with Park "in order to provide protection against personal assaults." However, claim 37 as amended now includes more features and the panic button when activated performs

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three functions: **(1)** transmitting the location data as emergency information to the specified location **via text**, **(2)** spraying the pepper spray or mace, **and** **(3)** dialing a public or private network for emergency purposes. Applicant again notes that it is well settled that using impermissible hindsight to pick and choose references/features to make out an obviousness rejection is not permitted.

Accordingly, independent claim 37 is patentable.

The Dependent Claims

The other claims in this application are each dependent from one or another of the independent claims discussed above and are therefore believed patentable for the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration or reconsideration, as the case may be, of the patentability of each on its own merits is respectfully requested.

Applicant also has the following comments in particular.

Claim 17

Claim 17 recites wherein the specific information includes a time and date stamp.

The Examiner again cites Van Camp, log entry, col. 13 lines 1-6. However, Applicant respectfully notes that the Examiner did not address the argument presented in the previous response. That section of Van Camp states that "When the transmission ends, the secondary remote unit 112 suitably stores a log entry indicating that the location data was requested and transmitted by the master remote unit 300 at the particular date and time (834)." (Emphasis added.) Thus the remote unit 112 stores a log entry but this is

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not a teaching that specific information transmitted by the transmitting unit includes a time and date stamp.

Accordingly, claim 17 is patentable.

Claim 24

Claim 24 recites wherein the panic button is activated by a depressing of the panic button for a predetermined time period.

The Examiner again cites Van Camp, col. 16 lines 55-63. However, Applicant respectfully notes that the Examiner did not address the argument presented in the previous response. That section states that "The emergency alarm 1410 can also be activated by other actions, such as by depressing a preprogrammed button", but this is not a teaching of depressing the preprogrammed button for a predetermined time period.

Accordingly, claim 24 is patentable.

The Double Patenting Rejection

Claims 7, 16-19, 22, 26-28, 30, 33, and 35 were rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (US 7,515,900) and Deubler (US 2004/0137938).

Claim 36 was rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp and Deubler.

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Claims 8, 9, 24, 29, 32, 34, and 37 were rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp.

Applicant will, as Applicant is entitled to do, address the double patenting rejection when it is the only rejection remaining in this application.

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Conclusion

In view of the foregoing amendments and remarks, Applicant respectfully requests favorable reconsideration and early passage to issue of the present application.

Respectfully submitted,

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Doc Code: A.NE.AFCP
Document Description: After Final Consideration Pilot Program Request

PTO/SB/434 (05-13)

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0

Practitioner Docket No.:	Application No.:	Filing Date:
02-CON3	16/262,835	January 30, 2019
First Named Inventor:	**Title:**	
Samantha DIPERNA	Emergency Personal Protection System Integrated with Mobile Devices	

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116.

1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (*e.g.*, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c).
2. The above-identified application contains an outstanding final rejection.
3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect.
4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection.
5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response.
6. This certification and request is being filed electronically using the Office's electronic filing system (EFS-Web).
7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.]
8. By filing this certification and request, applicant acknowledges the following:
   - Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0.
   - The examiner will verify that the AFCP 2.0 submission is compliant, *i.e.*, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions:
     - The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, by mailing an advisory action.
     - If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview.
       - The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate.
       - If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.

Signature	Date
/Samantha DiPerna/ and /Jacqueline DiPerna/	September 10, 2021
Name (Print/Typed) Samantha DiPerna and Jacqueline DiPerna	**Practitioner Registration No.** Pro se

Note: *This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.*

[✓] * Total of 1 forms are submitted.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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FAX

TO:	USPTO	FROM:	Samantha DiPerna
FAX:	1-571-273-8300	FAX:	1-972-637-9157
SUBJECT:	Response to Office Action	DATE:	September 10, 2021

U.S. Appln. No.	**16/262,835**
Inventors:	Samantha, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsieh
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Attached please find:

1. Response to Office Action
2. AFCP 2.0 Request

Number of pages: 22

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Patent Application

U.S. Appln. No.	16/262,835
Inventors:	Samantha, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsich
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

September 10, 2021

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE FINAL OFFICE ACTION
AND
FORMAL REQUEST FOR TELEPHONE INTERVIEW

In response to the final Office Action mailed on June 10, 2021, please further amend the above-application as follows, and consider the Remarks presented herein.

An AFCP 2.0 Request (After Final Consideration Pilot program request) is being submitted herewith.

Certificate of Transmission Under 37 C.F.R. 1.8(a)
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at Fax No. 571-273-8300 on: **September 10, 2021**

/Samantha DiPerna/
Signature

Samantha DiPerna
Type or print name of person certifying

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IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. - 6. (Canceled)

7. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, adapted to, when activated, ready itself to perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit,

wherein the panic button is activated by a depressing of the panic button together with another button at substantially the same initial time such that no panic button function is activated unless both buttons are depressed.

8. (Previously Presented) The mobile device as set forth in claim 37, further comprising a voice activation unit, adapted to activate the panic button using a voice command.

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9. (Previously Presented) The mobile device as set forth in claim 37, wherein the panic button is activated by a series of depressings of the panic button.

10. - 15. (Canceled)

16. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit as emergency information ~~at least one of~~ the image data, the audio data, and the location data along with specific information including owner identification information; and

a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated,

wherein the panic button is activated by a ~~depressing~~ series of depressings of the panic button ~~together with another button such that no panic button function is activated unless both buttons are depressed~~.

17. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a time and date stamp.

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18. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period.

19. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button is silent.

20. – 21. (Canceled)

22. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button activates an audible warning message, wherein the audible warning message includes words.

23. (Canceled)

24. (Previously Presented) The mobile device as set forth in Claim 37, wherein the panic button is activated by a depressing of the panic button for a predetermined time period.

25. (Canceled)

26. (Previously Presented) The mobile device as set forth in Claim 7, wherein the panic button activates an audible alarm.

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27. (Previously Presented) The mobile device as set forth in Claim 7, further comprising a safety switch that, upon being moved into position, readies the panic button to contact the public or private network for emergency purposes when the panic button is activated.

28. (Previously Presented) The mobile device as set forth in claim 16, wherein when the panic button is activated a public or private network for emergency purposes is dialed.

29. (Previously Presented) The mobile device as set forth in claim 37, wherein the panic button is activated when pressed along with an emergency touchpad picture.

30. (Previously Presented) A mobile device as set forth in claim 7, wherein the owner identification information includes a name and a description of the owner of the mobile device.

31. (Canceled)

32. (Canceled)

33. (Previously Presented) A mobile device as set forth in claim 16, wherein the specific information includes a pre-recorded emergency message.

34. (Canceled)

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35. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, which, when activated, perform at least one of the following panic button functions: (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, or (2) dialing a public or private network for emergency purposes,

wherein the panic button is activated by a ~~depressing~~ series of depressings of the panic button ~~together with another button such that no panic button function is activated unless both buttons are depressed~~.

36. (Currently Amended) An emergency safety device, comprising:

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit the location data as emergency information to a specified location via text message, along with specific information including owner identification information; and

a panic button, adapted to activate the transmitting unit when activated,

wherein the panic button is activated by a button sequence ~~depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed~~.

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37. (Currently Amended) ~~An emergency safety~~ A mobile device, comprising:

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit the location data as emergency information to a specified location, along with specific information including owner identification information;

a panic button~~, adapted to activate the transmitting unit when activated~~; and

a self-defense mechanism comprising ~~at least one of~~ a vial containing pepper spray~~,~~ ~~a vial containing~~ or mace~~, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun~~,

wherein when the panic button is activated (1) the transmitting unit transmits the location data as emergency information to the specified location via text along with the specific information including owner identification information, (2) the self-defense mechanism sprays the pepper spray or mace, and (3) the mobile device dials a public or private network for emergency purposes.

38. (New) The mobile device of claim 16, wherein a number of depressings of the panic button to activate the panic button is three.

39. (New) The mobile device of claim 35, wherein a number of depressings of the panic button to activate the panic button is five.

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REMARKS

Introduction and status of the claims

Claims 7-9, 16-19, 22, 24, 26-30, 33, and 35-39 are now presented for examination.

Claims 7, 16, and 35-37 have been amended.

Claims 32 and 34 have been canceled without prejudice or disclaimer of subject matter.

Claims 38 and 39 have been added.

Claims 7, 16, and 35-37 are in independent form.

Statement of Substance of Interview

On July 8, 2021 the Examiner mailed an Interview Summary regarding the telephone interview that occurred on July 6, 2021.

During the Interview the claims were discussed and in particular the newly cited reference Deubler. Applicant noted that Deubler does not teach or suggest the feature in which "*the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed*," as recited for example in independent claim 7. Instead of detailing that argument here Applicant will instead present the argument again below. The Examiner was receptive to the argument but stated that he would consider the amendment/argument in full when the written response was filed. Applicant provides the argument below and also has amended claim 7 along with other claims to make the distinction over Deubler even more clear.

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Also during the interview, Applicant noted that the Examiner did not consider in the Office Action the arguments for some of the dependent claims. Those arguments are again presented below.

The Examiner is thanked for his time and professionalism during the interview.

Formal Request for Telephone Interview in connection with AFCP 2.0

This response is believed clearly to place this application in condition for allowance. Nevertheless, the Applicant hereby requests a further telephone interview as part of the AFCP 2.0 program to occur after the Examiner has reviewed this response, in an effort to facilitate allowance and save on official fees, should the Examiner believe that issues remain outstanding. As always the Applicants appreciate the Examiner's professionalism and assistance.

The claim rejections under 35 U.S.C. 102 & 103

Claims 7, 16-19, 26, 28, and 35 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp (US 7,515,900) in view of Griffin (US 2004/0121756) and further in view of Deubler (US 2004/0137938).

Claims 22 and 33 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Griffin, Deubler, and further in view of Lin (US 2006/0068752).

Claim 27 was rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Griffin, Deubler, and further in view of Boling (US 6,044,257).

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Claim 36 was rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Deubler.

Claims 8, 9, 24, 29, 32, 34, and 37 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Park (US 2002/0108966).

Applicants submit that independent claims 7, 16, and 35-37, together with the claims dependent therefrom, are patentably distinct from the cited references for at least the following reasons.

Independent claim 7

Independent claim 7 as amended is directed to the following:

7. A mobile device, comprising:
a camera unit, adapted to obtain at least one of image data and audio data;
a location unit, adapted to obtain location data;
a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and
a panic button, adapted to, when activated, ready itself to perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit,
wherein the panic button is activated by a depressing of the panic button together with another button ***at substantially the same initial time*** *such that no panic button function is activated unless both buttons are depressed.*

The general nature of Van Camp and Griffin has been discussed at length in previous papers and it is not believed to be necessary to repeat those discussions. In the **previous** Office Action dated September 18, 2020 the Examiner took the position that Van Camp (col. 10, lines 49-51) showed the feature in which the panic button is activated by a depressing of the panic button together with another button. In the response filed on March 22, 2021 Applicant argued in rebuttal as follows:

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However, that section of Van Camp merely states: "For emergency assistance requests, the user may depress the POLICE 911 DIRECT button and/or the EMERGENCY CENTER button." Thus, pressing ***only one button*** *in Van Camp will activate a panic button function. However, in the claimed invention, in stark contrast, the panic button is activated by a depressing of the panic button together with another button* ***such that no panic button function is activated unless both buttons are depressed.*** *By virtue of this feature, accidental triggering of the panic button functions can be avoided.*

Accordingly, Van Camp does not teach or suggest this feature.

Griffin also does not teach or suggest this feature and indeed the Office Action cites Griffin for teaching a camera unit and related features.

In the present Office Action dated June 10, 2021 the Examiner agrees that the combination of Van Camp and Griffin does not teach the above-noted feature of claim 7, but cites Deubler as teaching this feature. Specifically, in the present Office Action the Examiner states on page 10: *"The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler."* The Examiner cites paragraph 42 of Deubler.

Paragraph 42 of Deubler states as follows:

[0042] "Wireless communication device 100 may include an emergency call button, 126. The emergency call button 126 is used in conjunction with the Send button to effectuate emergency dialing (e.g. causing the dialing of 911). In one embodiment, the emergency call button 126 is ***pressed and held down*** **causing the emergency call number (i.e. 911) to appear on the display and the indicator light to glow red** (the display and indicator light are described more fully later in this application), ***then the Send button is pressed*** while the emergency call button is held down and a call is placed to the emergency call number. This double trigger approach to emergency dialing reduces the chance of the child accidentally calling the emergency call number by pressing an emergency call button alone. The emergency call button on the wireless communication device may be labeled with an appropriate icon (e.g. a red cross)." (Emphasis added.)

Accordingly, as noted to the Examiner during the telephone interview of July 6, 2021, in Deubler, one button (emergency call button 126) is "*pressed and held down*"

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causing some action on the display and with the indicator light ***and then*** another button (the Send button) is pressed.

However, in the embodiment of amended claim 7, in stark contrast, "the panic button is activated by a depressing of the panic button together with another button **at substantially the same initial time**". Thus, Deubler does not in fact supply what is missing from Van Camp and Griffin. The Examiner was receptive to this argument during the interview.

Accordingly, amended claim 7 is seen to be patentable over Van Camp, Griffin, and Deubler, whether those references are considered either separately or in any permissible combination (if any).

Independent claim 16

Independent claim 16 as amended recites:

16. A mobile device, comprising:
a camera unit, adapted to obtain at least one of image data and audio data;
a location unit, adapted to obtain location data;
*a transmitting unit, adapted to transmit as emergency information the image data, the audio data, **and** the location data along with specific information including owner identification information; and*
a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated,
*wherein the panic button is activated by a **series of depressings** of the panic button.*

First, claim 16 as amended recites "a transmitting unit, adapted to transmit as emergency information the image data, the audio data, **and** the location data along with specific information including owner identification information." Accordingly, in amended claim 16, **all four** pieces of information are transmitted by the transmitting unit

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when the panic button is activated: the image data, the audio data, the location data (as "the emergency information"), along with the specific information including owner identification information.

The Office Action at pages 10-11 cites Van Camp as teaching obtaining location data (positioning system 212, col. 5 line 60-col. 6 line 8), and cites Griffin as teaching "at least one of image data and audio data (paragraph 46)." However, paragraph 46 of Griffin only teaches image data. Thus the combination of references does not teach transmitting **all four** pieces of information as identified above, when the panic button is activated.

Second, amended claim 16 further recites "wherein the panic button is activated **by a series of depressings** of the panic button." This feature was formerly recited in dependent claim 9. In rejecting that claim the Office Action on page 17 cites Van Camp (col. 11 lines 40-49). Applicant has carefully reviewed that section of Van Camp **and is unable to find any teaching of a panic button being activated by a series of depressings of the panic button**. That section of Van Camp merely discusses that the remote unit 112 may include "an ALARM key for quick activation of the alarm, or may respond to a voice command." **There is no teaching of the ALARM key being activated by a series of depressings of the ALARM key.** It is stated in that section of Van Camp that *"The remote unit 112 may also be configured to request an identification number or code word for activating the alarm (712). If the proper identification number is not entered, the remote unit 112 suitably prompts the user to enter the correct number (716). If the proper identification number is not entered within a selected number of attempts (714) or a selected time period (718, 720), the remote unit 112 may terminate*

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the alarm process and restore functionality to the POWER button (740, 742)." This merely relates to a user being given a selected number of attempts to enter the correct identification number for activating the alarm. **This is not a teaching of the ALARM key being activated by a series of depressings of the ALARM key**. Thus, Van Camp does not teach or suggest "wherein the panic button is activated by a series of depressings of the panic button," as recited in amended claim 16.

Moreover, Applicant notes that it is well settled that using impermissible hindsight to pick and choose references/features to make out an obviousness rejection is not permitted. MPEP 2142: "*impermissible hindsight must be avoided.*"

For at least the foregoing reasons, amended independent claim 16 is patentable over the cited references.

Independent claim 35 as amended recites certain features which are similar in relevant respects to certain of the features discussed above, and therefore claim 35 is patentable for similar reasons.

Independent claim 36

Independent claim 36 as amended recites:

36. An emergency safety device, comprising:
a location unit, adapted to obtain location data;
a transmitting unit, adapted to transmit the location data as emergency information to a specified location ***via text message****, along with specific information including owner identification information; and*
a panic button, adapted to activate the transmitting unit when activated,
wherein the panic button is activated by a ***button sequence****.*

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Support for the features of the transmitting unit adapted to transmit the location data as emergency information to a specified location **via text message** can be found in the present specification on, e.g., page 12, lines 6-20.

Support for the feature wherein the panic button is activated by a **button sequence** can be found in the present specification on, e.g., page 14, lines 4-5, and page 15, lines 1-4.

The cited references do not teach or suggest an emergency safety device having the above features as recited in claim 36 as amended.

Accordingly, claim 36 is patentable over the cited references.

Independent claim 37

Independent claim 37 as amended recites:

37. (Currently Amended) A mobile device, comprising:
a location unit, adapted to obtain location data;
a transmitting unit, adapted to transmit the location data as emergency information to a specified location, along with specific information including owner identification information;
a panic button; and
a self-defense mechanism comprising a vial containing pepper spray or mace,
*wherein when the panic button is activated **(1)** the transmitting unit transmits the location data as emergency information to the specified location **via text** along with the specific information including owner identification information, **(2)** the self-defense mechanism sprays the pepper spray or mace, **and (3)** the mobile device dials a public or private network for emergency purposes.*

The cited references do not teach or suggest an emergency safety device having the above features as recited in amended claim 37. The Examiner alleges on page 17 of the Office Action that it would have been obvious to combine the teachings of Van Camp with Park "in order to provide protection against personal assaults." However, claim 37 as amended now includes more features and the panic button when activated performs

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three functions: **(1)** transmitting the location data as emergency information to the specified location **via text**, **(2)** spraying the pepper spray or mace, **and** **(3)** dialing a public or private network for emergency purposes. Applicant again notes that it is well settled that using impermissible hindsight to pick and choose references/features to make out an obviousness rejection is not permitted.

Accordingly, independent claim 37 is patentable.

The Dependent Claims

The other claims in this application are each dependent from one or another of the independent claims discussed above and are therefore believed patentable for the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration or reconsideration, as the case may be, of the patentability of each on its own merits is respectfully requested.

Applicant also has the following comments in particular.

Claim 17

Claim 17 recites wherein the specific information includes a time and date stamp.

The Examiner again cites Van Camp, log entry, col. 13 lines 1-6. However, Applicant respectfully notes that the Examiner did not address the argument presented in the previous response. That section of Van Camp states that "When the transmission ends, the secondary remote unit 112 suitably stores a log entry indicating that the location data was requested and transmitted by the master remote unit 300 at the particular date and time (834)." (Emphasis added.) Thus the remote unit 112 stores a log entry but this is

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not a teaching that specific information transmitted by the transmitting unit includes a time and date stamp.

Accordingly, claim 17 is patentable.

Claim 24

Claim 24 recites wherein the panic button is activated by a depressing of the panic button for a predetermined time period.

The Examiner again cites Van Camp, col. 16 lines 55-63. However, Applicant respectfully notes that the Examiner did not address the argument presented in the previous response. That section states that "The emergency alarm 1410 can also be activated by other actions, such as by depressing a preprogrammed button", but this is not a teaching of depressing the preprogrammed button for a predetermined time period.

Accordingly, claim 24 is patentable.

The Double Patenting Rejection

Claims 7, 16-19, 22, 26-28, 30, 33, and 35 were rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (US 7,515,900) and Deubler (US 2004/0137938).

Claim 36 was rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp and Deubler.

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Claims 8, 9, 24, 29, 32, 34, and 37 were rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp.

Applicant will, as Applicant is entitled to do, address the double patenting rejection when it is the only rejection remaining in this application.

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Conclusion

In view of the foregoing amendments and remarks, Applicant respectfully requests favorable reconsideration and early passage to issue of the present application.

Respectfully submitted,

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Doc Code: A.NE.AFCP
Document Description: After Final Consideration Pilot Program Request

PTO/SB/434 (05-13)

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0

Practitioner Docket No.:	Application No.:	Filing Date:
02-CON3	16/262,835	January 30, 2019
First Named Inventor:	**Title:**	
Samantha DIPERNA	Emergency Personal Protection System Integrated with Mobile Devices	

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116.

1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (*e.g.*, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c).
2. The above-identified application contains an outstanding final rejection.
3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect.
4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection.
5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response.
6. This certification and request is being filed electronically using the Office's electronic filing system (EFS-Web).
7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.]
8. By filing this certification and request, applicant acknowledges the following:
   - Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0.
   - The examiner will verify that the AFCP 2.0 submission is compliant, *i.e.*, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions:
     - The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, by mailing an advisory action.
     - If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview.
       - The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate.
       - If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.

Signature	Date
/Samantha DiPerna/ and /Jacqueline DiPerna/	September 10, 2021
Name (Print/Typed) Samantha DiPerna and Jacqueline DiPerna	**Practitioner Registration No.** Pro se

***Note**: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.*

[✓] * Total of 1 forms are submitted.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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FAX

TO:	USPTO	FROM:	Samantha DiPerna
FAX:	1-571-273-8300	FAX:	1-972-637-9157
SUBJECT:	Response to Office Action	DATE:	September 10, 2021

U.S. Appln. No.	**16/262,835**
Inventors:	Samantha, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsieh
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Attached please find:

1. Response to Office Action
2. AFCP 2.0 Request

Number of pages: 22

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 07/08/2021

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12436 Pomerado CT
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EXAMINER	
HSIEH, PING Y	

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
07/08/2021	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Applicant-Initiated Interview Summary	**Application No.** 16/262,835	**Applicant(s)** DiPerna et al.		
	Examiner PING Y HSIEH	**Art Unit** 2664	**AIA (First Inventor to File) Status** No	**Page** 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	**Title**	**Type**
PING Y HSIEH	Primary Examiner	Telephonic
Samantha DiPerna	Inventor	

Date of Interview: 06 July 2021

Issues Discussed:

35 U.S.C. 103

No agreement is reached, the examiner will consider the amendment/argument when written response is filed.

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04
Please further see:
MPEP 713.04
Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b)
37 CFR § 1.2 Business to be transacted in writing

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 06/10/2021

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EXAMINER	
HSIEH, PING Y	

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
06/10/2021	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 16/262,835	Applicant(s) DiPerna et al.	
	Examiner PING Y HSIEH	Art Unit 2664	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 3/22/21.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☑ This action is **FINAL.** 2b) ☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 7-9,16-19,22,24,26-30 and 32-37 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 7-9,16-19,22,24,26-30 and 32-37 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☑ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed

determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp.

Claims 7, 16-19, 22, 26-28, 30, 33 and 35 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (U.S. PATENT NO. 7,515,900) and Deubler (U.S. PG-PUB NO. 2004/0137938).

-Regarding claim 7 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, adapted to, when activated, perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit **(col. 8 lines 26-28)**. Claim 1 of U.S. Patent No. 8,472,915 is silent to teaching that along with specific information including owner identification information. However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

-Regarding claim 16 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit as emergency information at least one of the image data, the audio data, and the location data **(col. 8 lines 22-24)**; and a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated **(col. 8 lines 26-28)**.

However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

-Regarding claim 35, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, which, when activated, performs at least one of the following panic button function: (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, or (2) dialing a public or private network for emergency purposes **(col. 8 lines 26-28)**.

However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

Claims 17-19, 22, 26-28, 30 and 33 are rejected on the ground of nonstatutory obviousness-type double patenting as being dependent upon a rejected base claim, but would be withdrawn from the rejection if their base claims overcome the rejection by the timely filing of a terminal disclaimer.

Claims 36 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (U.S. PATENT NO. 7,515,900) and Deubler (U.S. PG-PUB NO. 2004/0137938).

-Regarding claim 36 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches an emergency safety device, comprising: a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, adapted to activate the transmitting unit when activated **(col. 8 lines 26-28)**. Claim 1 of U.S. Patent No. 8,472,915 is silent to teaching that along with specific information including owner identification information. However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

Claims 8, 9, 24, 29, 32, 34 and 37 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (U.S. PATENT NO. 7,515,900).

-Regarding claim 37 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches an emergency safety device, comprising: a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, adapted to activate the transmitting unit when activated **(col. 8 lines 26-28)**; and a self-defense mechanism comprising at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment and a stun gun **(col. 8 lines 29-32)**. Claim 1 of U.S. Patent No. 8,472,915 is silent to teaching that along with specific information including owner identification information. However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

Claims 8, 9, 24, 29, 32 and 34 are rejected on the ground of nonstatutory obviousness-type double patenting as being dependent upon a rejected base claim, but would be withdrawn from the rejection if their base claims overcome the rejection by the timely filing of a terminal disclaimer.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claim 7, 16-19, 26, 28, and 35 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756) and further in view of Deubler (U.S. PG-PUB NO. 2004/0137938).

-Regarding claim 7, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to, when activated, perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit **(col. 10 line 49-col. 11 line 39)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

-Regarding claim 16, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system**

212, col. 5 line 60-col. 6 line 8); a transmitting unit, adapted to transmit as emergency information at least one of the image data, the audio data, and the location data **(communication system 210, col. 5 lines 46-59)** along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to activate the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated **(col. 10 line 49-col. 11 line 39)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

-Regarding claim 17, the combination further discloses the specific information includes a time and date stamp **(Van Camp, log entry, col. 13 lines 1-6)**.

-Regarding claim 18, the combination further discloses the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period **(Van Camp, message recording 1310, FIG. 13; Griffin, time period, FIG. 10)**.

-Regarding claim 19, the combination further discloses the panic button is silent **(Van Camp, col. 14 lines 31-54)**.

-Regarding claim 26, the combination further discloses the panic button activates an audible alarm **(Van Camp, col. 11 lines 40-66)**.

-Regarding claim 28, the combination further discloses when the panic button is activated a public or private network for emergency purposes is dialed **(Van Camp, col. 10 lines 56-58)**.

-Regarding claim 30, the combination further discloses the owner identification information includes a name and a description of the owner of the mobile device **(Van Camp, col. 10 lines 30-34)**.

-Regarding claim 35, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, which, when activated, performs at least one of the following panic button functions: (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location **(col. 10 line 49-col. 11 line 39)**, or (2) dialing a public or private network for emergency purposes **(col. 10 lines 56-58)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit

(paragraph 40) would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

Claim 22 and 33 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Claim is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756), Deubler (U.S. PG-PUB NO. 2004/0137938) and further in view of Lin (U.S. PG-PUB NO. 2006/0068752).

-Regarding claim 22, the combination further discloses the panic button activates an audible warning message **(Van Camp, col. 11 lines 40-66)**. The combination is silent to teaching that the audible warning message includes words.

However, the claimed limitation is well known in the art as evidenced by Lin.

In the same field of endeavor, Lin teaches the audible warning message includes words **(paragraph 25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Lin in order to provide more information in the warning message.

-Regarding claim 33, the combination further discloses the specific information includes a pre-recorded emergency message **(Lin, paragraph 25)**.

Claim 27 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756), Deubler (U.S. PG-PUB NO. 2004/0137938) and further in view of Boling (U.S. PATENT NO. 6,044,257).

-Regarding claim 27, the combination is silent to teaching that a safety switch that, upon being moved into position, readies the panic button to contact the public or private network for emergency purposes when the panic button is activated. However, the claimed limitation is well known in the art as evidenced by Boling.

In the same field of endeavor, Boling teaches a safety switch that, upon being moved into position, readies the panic button to contact the public or private network for emergency purposes when the panic button is activated **(flip to cover, see abstract)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Boling in order to minimize the button being accidentally pressed.

Claim 36 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Deubler (U.S. PG-PUB NO. 2004/0137938).

-Regarding claim 36, Van Camp discloses an emergency safety device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to activate the transmitting unit when activated **(col. 10 line 49-col. 11 line 39)**.

Van Camp is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of Van Camp with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

Claim 8, 9, 24, 29, 32, 34 and 37 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Park (U.S. PG-PUB NO. 2002/0108966).

-Regarding claim 37, Van Camp discloses an emergency safety device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; a panic button, adapted to activate the transmitting unit when activated **(col. 10 line 49-col. 11 line 39).**

Van Camp is silent to teaching that a self-defense mechanism comprising at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun. However, the claimed limitation is well known in the art as evidenced by Park.

In the same field of endeavor, Park teaches a self-defense mechanism comprising at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun **(paragraph 2)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of Van Camp with the teaching of Park in order to provide protection against personal assaults.

-Regarding claim 8, the combination further discloses a voice activation unit, adapted to activate the panic button using a voice command **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 9, the combination further discloses the panic button is activated by a series of depressings of the panic button **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 24, the combination further discloses the panic button is activated by a depressing of the panic button for a predetermined time period **(Van Camp, col. 16 lines 55-63)**.

-Regarding claim 29, the combination further discloses the panic button is activated when pressed along with an emergency touchpad picture **(Van Camp, col. 10 lines 49-51)**.

-Regarding claim 32, the combination further discloses the mobile device is configured such that the panic button is activated when an emergency dispatch center is dialed **(Van Camp, col. 10 lines 56-58)**.

-Regarding claim 34, the combination further discloses the panic button is activated by a depressing or series of depressings of the panic button **(Van Camp, col. 11 lines 40-49)**.

Response to Arguments

Applicant's arguments with respect to claim(s) 7-9, 16-19, 22, 24, 26-30, and 32-37 have been considered but are moot because the new ground of rejection does not rely on any reference applied in the prior rejection of record for any teaching or matter specifically challenged in the argument.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing

date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PING Y HSIEH whose telephone number is (571)270-3011. The examiner can normally be reached on Monday-Friday, 9am-4pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on (571) 272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see https://ppair-my.uspto.gov/pair/PrivatePair. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PING Y HSIEH/
Primary Examiner, Art Unit 2664

Notice of References Cited	Application/Control No. 16/262,835	Applicant(s)/Patent Under Reexamination DiPerna et al.	
	Examiner PING Y HSIEH	Art Unit 2664	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20040137938-A1	07-2004	Deubler, Donald L. JR.	H04L67/02	455/550.1
*	B	US-20020108966-A1	08-2002	Park, John S.	F41H9/10	222/113
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 06/10/2021

Samantha DIPERNA
12436 Pomerado CT
San Diego, CA 92128

EXAMINER	
HSIEH, PING Y	

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
06/10/2021	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 16/262,835	Applicant(s) DiPerna et al.	
	Examiner PING Y HSIEH	Art Unit 2664	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 3/22/21.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☑ This action is **FINAL.** 2b) ☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 7-9,16-19,22,24,26-30 and 32-37 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 7-9,16-19,22,24,26-30 and 32-37 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☑ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed

determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp.

Claims 7, 16-19, 22, 26-28, 30, 33 and 35 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (U.S. PATENT NO. 7,515,900) and Deubler (U.S. PG-PUB NO. 2004/0137938).

-Regarding claim 7 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, adapted to, when activated, perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit **(col. 8 lines 26-28)**. Claim 1 of U.S. Patent No. 8,472,915 is silent to teaching that along with specific information including owner identification information. However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

-Regarding claim 16 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit as emergency information at least one of the image data, the audio data, and the location data **(col. 8 lines 22-24)**; and a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated **(col. 8 lines 26-28)**.

However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

-Regarding claim 35, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, which, when activated, performs at least one of the following panic button function: (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, or (2) dialing a public or private network for emergency purposes **(col. 8 lines 26-28)**.

However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

Claims 17-19, 22, 26-28, 30 and 33 are rejected on the ground of nonstatutory obviousness-type double patenting as being dependent upon a rejected base claim, but would be withdrawn from the rejection if their base claims overcome the rejection by the timely filing of a terminal disclaimer.

Claims 36 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (U.S. PATENT NO. 7,515,900) and Deubler (U.S. PG-PUB NO. 2004/0137938).

-Regarding claim 36 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches an emergency safety device, comprising: a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, adapted to activate the transmitting unit when activated **(col. 8 lines 26-28)**. Claim 1 of U.S. Patent No. 8,472,915 is silent to teaching that along with specific information including owner identification information. However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

Claims 8, 9, 24, 29, 32, 34 and 37 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (U.S. PATENT NO. 7,515,900).

-Regarding claim 37 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches an emergency safety device, comprising: a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, adapted to activate the transmitting unit when activated **(col. 8 lines 26-28)**; and a self-defense mechanism comprising at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment and a stun gun **(col. 8 lines 29-32)**. Claim 1 of U.S. Patent No. 8,472,915 is silent to teaching that along with specific information including owner identification information. However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

Claims 8, 9, 24, 29, 32 and 34 are rejected on the ground of nonstatutory obviousness-type double patenting as being dependent upon a rejected base claim, but would be withdrawn from the rejection if their base claims overcome the rejection by the timely filing of a terminal disclaimer.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claim 7, 16-19, 26, 28, and 35 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756) and further in view of Deubler (U.S. PG-PUB NO. 2004/0137938).

-Regarding claim 7, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to, when activated, perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit **(col. 10 line 49-col. 11 line 39)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

-Regarding claim 16, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system**

212, col. 5 line 60-col. 6 line 8); a transmitting unit, adapted to transmit as emergency information at least one of the image data, the audio data, and the location data **(communication system 210, col. 5 lines 46-59)** along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to activate the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated **(col. 10 line 49-col. 11 line 39)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

-Regarding claim 17, the combination further discloses the specific information includes a time and date stamp **(Van Camp, log entry, col. 13 lines 1-6)**.

-Regarding claim 18, the combination further discloses the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period **(Van Camp, message recording 1310, FIG. 13; Griffin, time period, FIG. 10)**.

-Regarding claim 19, the combination further discloses the panic button is silent **(Van Camp, col. 14 lines 31-54)**.

-Regarding claim 26, the combination further discloses the panic button activates an audible alarm **(Van Camp, col. 11 lines 40-66)**.

-Regarding claim 28, the combination further discloses when the panic button is activated a public or private network for emergency purposes is dialed **(Van Camp, col. 10 lines 56-58)**.

-Regarding claim 30, the combination further discloses the owner identification information includes a name and a description of the owner of the mobile device **(Van Camp, col. 10 lines 30-34)**.

-Regarding claim 35, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, which, when activated, performs at least one of the following panic button functions: (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location **(col. 10 line 49-col. 11 line 39)**, or (2) dialing a public or private network for emergency purposes **(col. 10 lines 56-58)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit

(paragraph 40) would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

The combination is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

Claim 22 and 33 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Claim is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756), Deubler (U.S. PG-PUB NO. 2004/0137938) and further in view of Lin (U.S. PG-PUB NO. 2006/0068752).

-Regarding claim 22, the combination further discloses the panic button activates an audible warning message **(Van Camp, col. 11 lines 40-66)**. The combination is silent to teaching that the audible warning message includes words.

However, the claimed limitation is well known in the art as evidenced by Lin.

In the same field of endeavor, Lin teaches the audible warning message includes words **(paragraph 25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Lin in order to provide more information in the warning message.

-Regarding claim 33, the combination further discloses the specific information includes a pre-recorded emergency message **(Lin, paragraph 25)**.

Claim 27 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756), Deubler (U.S. PG-PUB NO. 2004/0137938) and further in view of Boling (U.S. PATENT NO. 6,044,257).

-Regarding claim 27, the combination is silent to teaching that a safety switch that, upon being moved into position, readies the panic button to contact the public or private network for emergency purposes when the panic button is activated. However, the claimed limitation is well known in the art as evidenced by Boling.

In the same field of endeavor, Boling teaches a safety switch that, upon being moved into position, readies the panic button to contact the public or private network for emergency purposes when the panic button is activated **(flip to cover, see abstract)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Boling in order to minimize the button being accidentally pressed.

Claim 36 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Deubler (U.S. PG-PUB NO. 2004/0137938).

-Regarding claim 36, Van Camp discloses an emergency safety device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to activate the transmitting unit when activated **(col. 10 line 49-col. 11 line 39)**.

Van Camp is silent to teaching that the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. However, the claimed limitation is well known in the art as evidenced by Deubler.

In the same field of endeavor, Deubler teaches wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed **(paragraph 42)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of Van Camp with the teaching of Deubler in order to reduce the chance of accidentally calling the emergency call number by pressing an emergency call button alone.

Claim 8, 9, 24, 29, 32, 34 and 37 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Park (U.S. PG-PUB NO. 2002/0108966).

-Regarding claim 37, Van Camp discloses an emergency safety device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; a panic button, adapted to activate the transmitting unit when activated **(col. 10 line 49-col. 11 line 39)**.

Van Camp is silent to teaching that a self-defense mechanism comprising at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun. However, the claimed limitation is well known in the art as evidenced by Park.

In the same field of endeavor, Park teaches a self-defense mechanism comprising at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun **(paragraph 2)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of Van Camp with the teaching of Park in order to provide protection against personal assaults.

-Regarding claim 8, the combination further discloses a voice activation unit, adapted to activate the panic button using a voice command **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 9, the combination further discloses the panic button is activated by a series of depressings of the panic button **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 24, the combination further discloses the panic button is activated by a depressing of the panic button for a predetermined time period **(Van Camp, col. 16 lines 55-63)**.

-Regarding claim 29, the combination further discloses the panic button is activated when pressed along with an emergency touchpad picture **(Van Camp, col. 10 lines 49-51)**.

-Regarding claim 32, the combination further discloses the mobile device is configured such that the panic button is activated when an emergency dispatch center is dialed **(Van Camp, col. 10 lines 56-58)**.

-Regarding claim 34, the combination further discloses the panic button is activated by a depressing or series of depressings of the panic button **(Van Camp, col. 11 lines 40-49)**.

Response to Arguments

Applicant's arguments with respect to claim(s) 7-9, 16-19, 22, 24, 26-30, and 32-37 have been considered but are moot because the new ground of rejection does not rely on any reference applied in the prior rejection of record for any teaching or matter specifically challenged in the argument.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing

date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PING Y HSIEH whose telephone number is (571)270-3011. The examiner can normally be reached on Monday-Friday, 9am-4pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on (571) 272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see https://ppair-my.uspto.gov/pair/PrivatePair. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PING Y HSIEH/
Primary Examiner, Art Unit 2664

Notice of References Cited	Application/Control No. 16/262,835	Applicant(s)/Patent Under Reexamination DiPerna et al.	
	Examiner PING Y HSIEH	Art Unit 2664	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20040137938-A1	07-2004	Deubler, Donald L. JR.	H04L67/02	455/550.1
*	B	US-20020108966-A1	08-2002	Park, John S.	F41H9/10	222/113
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	Art Unit
	PING Y HSIEH	2664

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	09/16/2020	06/08/2021							
	1	-	-							
	2	-	-							
	3	-	-							
	4	-	-							
	5	-	-							
	6	-	-							
	7	✓	✓							
	8	✓	✓							
	9	✓	✓							
	10	-	-							
	11	-	-							
	12	-	-							
	13	-	-							
	14	-	-							
	15	-	-							
	16	✓	✓							
	17	✓	✓							
	18	✓	✓							
	19	✓	✓							
	20	-	-							
	21	-	-							
	22	✓	✓							
	23	-	-							
	24	✓	✓							
	25	✓	-							
	26	✓	✓							
	27	✓	✓							
	28	✓	✓							
	29	✓	✓							
	30	✓	✓							
	31	✓	-							
	32	✓	✓							
	33	✓	✓							
	34	✓	✓							
	35	✓	✓							
	36		✓							
	37		✓							

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	**Art Unit**
	PING Y HSIEH	2664

CPC - Searched*		
Symbol	**Date**	**Examiner**
H04M1/026, 1/21, 1/72519, 1/72541, 11/04, 1/7255, 1/72552, 2250/10	06/08/2021	PH
F41H9/10	06/08/2021	PH
G08B15/02, 25/016	06/08/2021	PH
H04B1/3888	06/08/2021	PH

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**
455	404.1, 404.2, 427, 12.1, 556.1, 575.1 ,575.6, 90.1, 344, 347, 575.3, 575.4	06/08/2021	PH

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	**Date**	**Examiner**
Text searched in EAST (see search history)	06/08/2021	PH
Inventor name searched	09/16/2020	PH
Concept searched in IP.com, Google Patents, Google Scholar	06/08/2021	PH

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	Art Unit
	PING Y HSIEH	2664

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	See interference search in EAST	06/08/2021	PH

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"8472915".pn.	USPAT	AND	OFF	2021/06/07 23:46
L2	1	"7437176".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L3	209	camera same gps same upload same picture	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L4	24,237	camera and gps and upload and picture	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L5	1,193	L4 and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L6	1,589	larsson and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L7	69	(peter near larsson).in. and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L8	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L9	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L10	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L11	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L12	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L13	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L14	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L15	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L16	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L17	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L18	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L19	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
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L21	1,273	L20 and camera and (gps location) and (upload report) and (image picture)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
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L23	1	"20040137938".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L24	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L25	4,583	self near3 defen$6	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L26	568	self near3 defen$6 near4 mechanism	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L27	6	broadcom and (l2cap and fm)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L28	2,563	broadcom and (bluetooth and fm)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L29	292	broadcom and (bluetooth and fm) and single near2 chip	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L30	288	broadcom and (bluetooth and fm) and single adj chip	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L31	2	11/333809.app.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L32	66,205	emergency and (voice activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L33	4,487	L32 and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L34	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L35	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L36	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L37	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L38	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L39	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L40	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L41	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L42	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L43	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

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L45	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L46	22,718	L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L47	1,417	L46 and L32	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L48	4,872	emergency and (voice near3 activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L49	1,417	L46 and L32	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
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L53	2	11/333809.app.	US-PGPUB; USPAT	OR	OFF	2021/06/08 00:15
L54	1	"7069062".pn.	USPAT	OR	OFF	2021/06/08 00:15
L55	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L56	1	"7515900".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L57	6	(pepper adj spray) and mace and dye and (foam$3 near agent) and (stench near ointment) and (stun near gun)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L58	135	vial and (self near defense)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L59	24	("4058237" | "5088624" | "5358144" | "5669529" | "5678730").PN. OR ("5924601").URPN.	US-PGPUB;	OR	OFF	2021/06/08 00:15

			USPAT; USOCR			
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L61	148	L60 and (pepper near spray mace dye foam$3 near agent stench near ointment stun gun)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
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L63	5	("20040204060" | "20050085263" | "20050130702" | "20050130720" | "20050245288").PN.	US-PGPUB; USPAT	OR	OFF	2021/06/08 00:15
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		"5009507" | "5864603" | "6173194" | "6567671" | "6198914").PN.				
L66	28	L65 and (press$3 depress$3) near3 button	US-PGPUB; USPAT; USOCR	OR	ON	2021/06/08 00:15
L67	21	emergency and speeddial	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L68	25	emergency and speeddial$3	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L69	108,775	(hold held time) with (press$3 depress$3) near3 button	US-PGPUB; USPAT; USOCR	OR	ON	2021/06/08 00:15
L70	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L71	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L72	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L73	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L74	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L75	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L76	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L77	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L78	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L79	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L80	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L81	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L82	22,718	L70 L71 L72 L73 L74 L75 L76 L77 L78 L79 L80 L81	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L83	729	(hold held time) with (press$3 depress$3) near3 button and L82	US-PGPUB; USPAT; USOCR	OR	ON	2021/06/08 00:15
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L86	1	13/897359	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L87	52	record$3 near3 warn$3 same (where destination)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
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L91	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L92	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L93	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L94	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L95	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L96	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L97	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L98	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L99	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L100	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L101	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L102	22,718	L90 L91 L92 L93 L94 L95 L96 L97 L98 L99 L100 L101	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L103	22,718	L102	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L104	11	L103 and L89	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L105	1	"5742666".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L106	1	"6044257".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L107	0	emergency near3 message same (tcp/ip and wap and mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L108	0	emergency near3 message same (tcp same wap same mms)	US-PGPUB;	OR	OFF	2021/06/08 00:15

			USPAT; USOCR			
L109	146	emergency and message same (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L110	4	L109 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L111	21	emergency near5 message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L112	48	emergency same message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L113	387	emergency and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L114	4	L113 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L115	3,021	(tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L116	60	L115 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L117	14	"8472915"	USPAT	AND	OFF	2021/06/08 00:15
L118	1	"8472915".pn.	USPAT	AND	OFF	2021/06/08 00:15
L119	2,668	h04m1/026.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L120	1,894	h04m1/21.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L121	0	h04m1/72519.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L122	0	h04m1/72541.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L123	2,884	h04m11/04.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L124	0	h04m1/7255.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L125	0	h04m1/72552.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L126	2,933	h04m2250/10.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L127	591	f41h9/10.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L128	374	g08b15/02.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L129	3,865	g08b25/016.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L130	4,785	h04b1/3888.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L131	19,002	L119 L120 L121 L122 L123 L124 L125 L126 L127 L128 L129 L130	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L132	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L133	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L134	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L135	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L136	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L137	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L138	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L139	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L140	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L141	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L142	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L143	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L144	22,718	L132 L133 L134 L135 L136 L137 L138 L139 L140 L141 L142 L143	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L145	22,718	L144	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L146	39,702	L131 L144	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L147	10,264	L146 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L148	601	L147 and (audible word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L149	7	L147 and (audible same word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L150	989	L147 and (audible (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15

L151	254	L147 and (audible and (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L152	133	L147 and (audible same (help$3 fire word)) and (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L153	58	L147 and (audible same (alarm$3 warn$3)) same (pre$record$3 record$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L154	8	L147 and (audible same (alarm$3 warn$3)) same (word sentence)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L155	1	"20180089505".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L156	1	"20190272645".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L157	1	"7437176".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L158	209	camera same gps same upload same picture	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L159	24,237	camera and gps and upload and picture	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L160	1,193	L159 and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L161	1,589	larsson and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L162	69	(peter near larsson).in. and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L163	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L164	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L165	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L166	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L167	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L168	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L169	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L170	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L171	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L172	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L173	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L174	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L175	22,718	L163 L164 L165 L166 L167 L168 L169 L170 L171 L172 L173 L174	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L176	1,273	L175 and camera and (gps location) and (upload report) and (image picture)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L177	55	L175 and (camera same (gps location) same (upload report) same (image picture))	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L178	1	"20040137938".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L179	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L180	4,583	self near3 defen$6	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L181	568	self near3 defen$6 near4 mechanism	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L182	6	broadcom and (l2cap and fm)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L183	2,563	broadcom and (bluetooth and fm)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L184	292	broadcom and (bluetooth and fm) and single near2 chip	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L185	288	broadcom and (bluetooth and fm) and single adj chip	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L186	2	11/333809.app.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L187	66,205	emergency and (voice activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L188	4,487	L187 and "455".clas.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L189	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L190	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L191	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L192	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L193	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L194	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L195	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L196	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L197	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L198	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L199	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L200	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L201	22,718	L189 L190 L191 L192 L193 L194 L195 L196 L197 L198 L199 L200	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L202	1,417	L201 and L187	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L203	4,872	emergency and (voice near3 activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L204	1,417	L201 and L187	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L205	198	L201 and L203	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L206	1	"7515900".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L207	1	11/333809.app.	USPAT	OR	OFF	2021/06/08 00:15
L208	2	11/333809.app.	US-PGPUB; USPAT	OR	OFF	2021/06/08 00:15
L209	1	"7069062".pn.	USPAT	OR	OFF	2021/06/08 00:15

L210	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L211	1	"7515900".pn.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L212	6	(pepper adj spray) and mace and dye and (foam$3 near agent) and (stench near ointment) and (stun near gun)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L213	135	vial and (self near defense)	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L214	24	("4058237" | "5088624" | "5358144" | "5669529" | "5678730").PN. OR ("5924601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L215	884	222/175.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L216	148	L215 and (pepper near spray mace dye foam$3 near agent stench near ointment stun gun)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L217	5	"6002120"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L218	5	("20040204060" | "20050085263" | "20050130702" | "20050130720" | "20050245288").PN.	US-PGPUB; USPAT	OR	OFF	2021/06/08 00:15
L219	24	("4058237" | "5088624" | "5358144" | "5669529" | "5678730").PN. OR ("5924601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L220	90	("6421001" | "0436806" | "5365570" | "6184796" | "6240303" | "6310609" | "6314179" | "6449496" | "6535726" | "6792298" | "6243039" | "5054051" | "5841849" | "6055439" | "6246751" | "6785387" | "6799163" | "20050085257" | "0406131" | "0477344" | "20030122784" | "20030236088" | "5473671" | "6356258" | "6115597" | "20020141558" | "20040101112" | "20040208304" | "5029196" | "5455857" | "5651056" | "6226532" | "6298122" | "6553222" | "D496638" | "6668179" | "20040046637" |	US-PGPUB; USPAT; USOCR	OR	ON	2021/06/08 00:15

		"6681000" | "6236358" | "0374190" | "20020106073" | "20030073426" | "20040229600" | "20040264666" | "5499288" | "5561705" | "6198947" | "6289084" | "6993004" | "6044257" | "0354489" | "0487807" | "0488811" | "5999966" | "6035217" | "6370363" | "6424706" | "D496639" | "D508028" | "6298131" | "6226510" | "20030081767" | "5351051" | "20020082042" | "4769836" | "5467388" | "5487108" | "5522089" | "5677949" | "6167251" | "6173171" | "6816721" | "20030047860" | "20060015819" | "20030027606" | "5894591" | "20020159571" | "4980910" | "5009507" | "5864603" | "6173194" | "6567671" | "6198914").PN.				
L221	28	L220 and (press$3 depress$3) near3 button	US-PGPUB; USPAT; USOCR	OR	ON	2021/06/08 00:15
L222	21	emergency and speeddial	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L223	25	emergency and speeddial$3	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L224	108,775	(hold held time) with (press$3 depress$3) near3 button	US-PGPUB; USPAT; USOCR	OR	ON	2021/06/08 00:15
L225	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L226	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L227	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L228	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L229	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L230	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L231	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L232	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L233	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L234	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L235	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L236	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L237	22,718	L225 L226 L227 L228 L229 L230 L231 L232 L233 L234 L235 L236	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L238	729	(hold held time) with (press$3 depress$3) near3 button and L237	US-PGPUB; USPAT; USOCR	OR	ON	2021/06/08 00:15
L239	1	"8472915".pn.	USPAT	OR	OFF	2021/06/08 00:15
L240	1	13/897359	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L241	52	record$3 near3 warn$3 same (where destination)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L242	5,547	record$3 near3 warn$3	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L243	1,550	L242 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15

L244	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L245	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L246	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L247	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L248	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L249	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L250	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L251	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L252	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L253	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L254	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L255	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L256	22,718	L244 L245 L246 L247 L248 L249 L250 L251 L252 L253 L254 L255	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L257	22,718	L256	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L258	11	L257 and L243	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15

L259	1	"5742666".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L260	1	"6044257".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L261	0	emergency near3 message same (tcp/ip and wap and mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L262	0	emergency near3 message same (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L263	146	emergency and message same (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L264	4	L263 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L265	21	emergency near5 message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L266	48	emergency same message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L267	387	emergency and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L268	4	L267 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L269	3,021	(tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L270	60	L269 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15

L271	14	"8472915"	USPAT	AND	OFF	2021/06/08 00:15
L272	1	"8472915".pn.	USPAT	AND	OFF	2021/06/08 00:15
L273	2,668	h04m1/026.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L274	1,894	h04m1/21.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L275	0	h04m1/72519.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L276	0	h04m1/72541.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L277	2,884	h04m11/04.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L278	0	h04m1/7255.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L279	0	h04m1/72552.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L280	2,933	h04m2250/10.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L281	591	f41h9/10.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L282	374	g08b15/02.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L283	3,865	g08b25/016.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L284	4,785	h04b1/3888.cpc.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L285	19,002	L273 L274 L275 L276 L277 L278 L279 L280 L281 L282 L283 L284	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L286	3,433	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

L287	3,316	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L288	1,445	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L289	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L290	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L291	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L292	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L293	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L294	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L295	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L296	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L297	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L298	22,718	L286 L287 L288 L289 L290 L291 L292 L293 L294 L295 L296 L297	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L299	22,718	L298	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L300	39,702	L285 L298	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15
L301	10,264	L300 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15

L302	601	L301 and (audible word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L303	7	L301 and (audible same word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L304	989	L301 and (audible (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L305	254	L301 and (audible and (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L306	133	L301 and (audible same (help$3 fire word)) and (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L307	58	L301 and (audible same (alarm$3 warn$3)) same (pre$record$3 record$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L308	8	L301 and (audible same (alarm$3 warn$3)) same (word sentence)	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L309	1	"20180089505".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L310	1	"20190272645".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2021/06/08 00:15
L312	2	"20040137938"	US-PGPUB; USPAT	OR	ON	2021/06/08 00:15

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L84	123	(camera and (location gps) and (server dispatch center emergency) and (self near defens$3 spray mace dye vial stench stun$4 near gun)).clm.	US-PGPUB; USPAT	OR	OFF	2021/06/08 00:15

L311	123	(camera and (location gps) and (server dispatch center emergency) and (self near defens$3 spray mace dye vial stench stun$4 near gun)).clm.	US-PGPUB; USPAT	OR	OFF	2021/06/08 00:15

6/8/2021 12:23:39 AM
C:\Users\phsieh\Documents\EAST\Workspaces\16262835_13897359_11333809_emergency_protection_mobile_device.wsp

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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
16/262,835	01/30/2019	2664	1105	02-CON3	20	3

CONFIRMATION NO. 3352

Samantha DIPERNA
12436 Pomerado CT
San Diego, CA 92128

CORRECTED FILING RECEIPT

OC000000124504276

Date Mailed: 03/31/2021

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Samantha DiPerna, New York, NY;
Jacqueline DiPerna, Newport Beach, CA;

Applicant(s)

Samantha DiPerna, New York, NY;
Jacqueline DiPerna, Newport Beach, CA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a DIV of 13/897,353 05/17/2013 PAT 10230827
which is a CON of 11/333,809 01/17/2006 PAT 8472915
which claims benefit of 60/643,865 01/14/2005

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 02/14/2019

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/262,835**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

** **MICRO ENTITY** **

Title

EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Preliminary Class

455

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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PTO/SB/06 (09-11)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 16/262,835	Filing Date 01/30/2019	☐ To be Mailed

ENTITY: ☐ LARGE ☐ SMALL ☑ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $25 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $115 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	03/22/2021	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 21	Minus	** 23	= 0		x $25 =	0
	Independent (37 CFR 1.16(h))	* 5	Minus	*** 5	= 0		x $120 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	SLIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/KAREN L VESTAL/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 16/262,835	Filing Date 01/30/2019	☐ To be Mailed

ENTITY: ☐ LARGE ☐ SMALL ☑ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $25 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $115 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	03/22/2021	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0		x $25 =	0
	Independent (37 CFR 1.16(h))	* 6	Minus	*** 5	= 1		x $120 =	120
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	120

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	SLIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/KAREN L VESTAL/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Document Code:WFEE

User :C46167

Sale Accounting Date:03/22/2021

Sale Item Reference Number	Effective Date
16262835	03/22/2021

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I20213LB22061796	3253	EXTENSION FOR RESPONSE WITHIN 3RD MONTH	$370.00	Credit Card
I20213LB22061796	3201	INDEPENDENT CLAIMS IN EXCESS OF 3	$240.00	Credit Card

OPAP AKIMA-7
MAR 2 2 2021
PATENT AND TRADEMARK OFFICE

Doc Code: MES.GIB
Document Description: Certification of Micro Entity Status (Gross Income Basis)

PTO/SB/15A (07-14)

CERTIFICATION OF MICRO ENTITY STATUS
(GROSS INCOME BASIS)

Application Number or Control Number (if applicable):	Patent Number (if applicable):
16/262,835	
First Named Inventor:	Title of Invention:
Jacqueline DIPERNA	Emergency Personal Protection System Integrated with Mobile Devices

The applicant hereby certifies the following—

(1) **SMALL ENTITY REQUIREMENT** – The applicant qualifies as a small entity as defined in 37 CFR 1.27.

(2) **APPLICATION FILING LIMIT** – Neither the applicant nor the inventor nor a joint inventor has been named as the inventor or a joint inventor on more than four previously filed U.S. patent applications, excluding provisional applications and international applications under the Patent Cooperation Treaty (PCT) for which the basic national fee under 37 CFR 1.492(a) was not paid, and also excluding patent applications for which the applicant has assigned all ownership rights, or is obligated to assign all ownership rights, as a result of the applicant's previous employment.

(3) **GROSS INCOME LIMIT ON APPLICANTS AND INVENTORS** – Neither the applicant nor the inventor nor a joint inventor, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986 (26 U.S.C. 61(a)), exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

(4) **GROSS INCOME LIMIT ON PARTIES WITH AN "OWNERSHIP INTEREST"** – Neither the applicant nor the inventor nor a joint inventor has assigned, granted, or conveyed, nor is under an obligation by contract or law to assign, grant, or convey, a license or other ownership interest in the application concerned to an entity that, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986, exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

SIGNATURE by an authorized party set forth in 37 CFR 1.33(b)

Signature	Jacqueline DiPerna				
Name	Jacqueline DIPERNA				
Date	March 18, 2021	Telephone	480-231-6325	Registration No.	Pro Se

☑ There is more than one inventor and I am one of the inventors who are jointly identified as the applicant. The required additional certification form(s) signed by the other joint inventor(s) are included with this form.

OPAP AKIMA-7 MAR 2 2 2021 PATENT AND TRADEMARK OFFICE

Doc Code: MES.GIB
Document Description: Certification of Micro Entity Status (Gross Income Basis)

PTO/SB/15A (07-14)

CERTIFICATION OF MICRO ENTITY STATUS
(GROSS INCOME BASIS)

Application Number or Control Number (if applicable):	Patent Number (if applicable):
16/262,835	
First Named Inventor:	**Title of Invention:**
Samantha DIPERNA	Emergency Personal Protection System Integrated with Mobile Devices

The applicant hereby certifies the following—

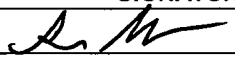
(1) **SMALL ENTITY REQUIREMENT** – The applicant qualifies as a small entity as defined in 37 CFR 1.27.

(2) **APPLICATION FILING LIMIT** – Neither the applicant nor the inventor nor a joint inventor has been named as the inventor or a joint inventor on more than four previously filed U.S. patent applications, excluding provisional applications and international applications under the Patent Cooperation Treaty (PCT) for which the basic national fee under 37 CFR 1.492(a) was not paid, and also excluding patent applications for which the applicant has assigned all ownership rights, or is obligated to assign all ownership rights, as a result of the applicant's previous employment.

(3) **GROSS INCOME LIMIT ON APPLICANTS AND INVENTORS** – Neither the applicant nor the inventor nor a joint inventor, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986 (26 U.S.C. 61(a)), exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

(4) **GROSS INCOME LIMIT ON PARTIES WITH AN "OWNERSHIP INTEREST"** – Neither the applicant nor the inventor nor a joint inventor has assigned, granted, or conveyed, nor is under an obligation by contract or law to assign, grant, or convey, a license or other ownership interest in the application concerned to an entity that, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986, exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

SIGNATURE by an authorized party set forth in 37 CFR 1.33(b)

Signature					
Name	Samantha DIPERNA				
Date	March 18, 2021	Telephone	480-213-0179	Registration No.	Pro Se

☑ There is more than one inventor and I am one of the inventors who are jointly identified as the applicant. The required additional certification form(s) signed by the other joint inventor(s) are included with this form.

OPAP · AKIMA-7
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Application Number	16/262,835
Filing Date	January 30, 2019
First Named Inventor	Samantha DIPERNA
Art Unit	2664
Examiner Name	Ping Y. Hsieh
Attorney Docket Number	02-CON3

Please change the Correspondence Address for the above-identified patent application to:

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☒ Applicant

☐ Attorney or agent of record. Registration Number _____.

☐ Registered practitioner named in the application transmittal papers who acts in a representative capacity under 37 CFR 1.34. See 37 CFR 1.33(a)(1). Registration Number _____.

Signature Jacqueline DiPerna

Typed or Printed Name Samantha DIPERNA and Jacqueline DIPERNA, Applicants (Pro Se)

Date March 18, 2021 | Telephone 480-213-0179

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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OIPAP AKIMA-7 MAR 22 2021 PATENT & TRADEMARK OFFICE

Patent Application

U.S. Appln. No.	16/262,835
Inventors:	Samantha DiPerna, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsieh
Art Unit:	2664
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

March 18, 2021

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NON-FINAL OFFICE ACTION
AND
FORMAL REQUEST FOR TELEPHONE INTERVIEW

In response to the non-final Office Action mailed on September 18, 2020, please further amend the above-application as follows, and consider the Remarks presented herein.

Certificate of Transmission Under 37 C.F.R. 1.8(a)
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, P. O. Box 1450, Alexandria, VA 22313-1450 on: **March 18, 2021**

Name of Person Certifying: Samantha DiPerna
Signature: _____
Date of Signature and deposit: March 18, 2021

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. - 6. (Canceled)

7. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, adapted to, when activated, perform at least one of the following panic button functions: (1) dialing a public or private network for ~~an~~ emergency purposes ~~dispatch center when activated~~ or (2) activating the transmitting unit,

wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed.

8. (Currently Amended) The mobile device as set forth in claim [[7]] 37, further comprising a voice activation unit, adapted to activate the panic button using a voice command.

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9. (Currently Amended) The mobile device as set forth in claim [[7]] 37, wherein the panic button is activated by a ~~depressing or~~ series of depressings of the panic button.

10. - 15. (Canceled)

16. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit as emergency information [[(1)]] at least one of the image data, the audio data, and the location data along with [[(2)]] specific information including owner identification information; and

a panic button, adapted to activate the camera unit, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated,

wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed.

17. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a time and date stamp.

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18. (Previously Presented) A mobile device as set forth in claim 7, wherein the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period.

19. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button is silent.

20. – 21. (Canceled)

22. (Previously Presented) A mobile device as set forth in claim 7, wherein the panic button activates an audible warning message, wherein the audible warning message includes words.

23. (Canceled)

24. (Currently Amended) The mobile device as set forth in Claim [[7]] 37, wherein the panic button is activated by a depressing of the panic button for a predetermined time period.

25. (Canceled)

26. (Previously Presented) The mobile device as set forth in Claim 7, wherein the panic button activates an audible alarm.

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27. (Currently Amended) The mobile device as set forth in Claim 7, further comprising a safety switch that, upon being moved into position, readies the panic button to contact the public or private network for emergency ~~dispatch center~~ purposes when the panic button is activated.

28. (Currently Amended) The mobile device as set forth in claim 16, wherein when the panic button is activated [[911]] a public or private network for emergency purposes is dialed.

29. (Currently Amended) The mobile device as set forth in claim [[7]] 37, wherein the panic button is activated when pressed along with an emergency touchpad picture.

30. (Previously Presented) A mobile device as set forth in claim 7, wherein the owner identification information includes a name and a description of the owner of the mobile device.

31. (Canceled)

32. (Currently Amended) The mobile device as set forth in claim [[16]] 37, wherein the mobile device is configured such that the panic button is activated when an emergency dispatch center is dialed.

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33. (Previously Presented) A mobile device as set forth in claim 16, wherein the specific information includes a pre-recorded emergency message.

34. (Currently Amended) The mobile device as set forth in claim [[16]] 37, wherein the panic button is activated by a depressing or series of depressings of the panic button.

35. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, which, when activated, performs at least one of the following panic button functions: (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, [[and]] or (2) dialing [[an]] a public or private network for emergency ~~dispatch center~~ purposes,

wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed.

36. (New) An emergency safety device, comprising:

a location unit, adapted to obtain location data;

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a transmitting unit, adapted to transmit the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, adapted to activate the transmitting unit when activated,

wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed.

37. (New) An emergency safety device, comprising:

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit the location data as emergency information to a specified location, along with specific information including owner identification information;

a panic button, adapted to activate the transmitting unit when activated; and

a self-defense mechanism comprising at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun.

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REMARKS

Introduction and status of the claims

Claims 7-9, 16-19, 22, 24, 26-30, and 32-37 are now presented for examination.

Claims 7-9, 16, 24, 27-29, 32, 34, and 35 have been amended.

Claims 25 and 31 have been canceled without prejudice or disclaimer of subject matter.

Claims 36 and 37 have been added.

Claims 7, 16, and 35-37 are in independent form.

Formal Request for Telephone Interview

This response is believed clearly to place this application in condition for allowance. Nevertheless, the Applicants hereby request a telephone interview to occur after the Examiner has reviewed this response, in an effort to facilitate allowance should the Examiner believe that issues remain outstanding, To that end the undersigned will contact the Examiner by phone to set up such an interview. As always the Applicants appreciate the Examiner's professionalism and assistance.

The claim rejections under 35 U.S.C. 102 & 103

Claims 7-9, 16-19, 24-26, 38-32, 34, and 35 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp (US 7,515,900) in view of Griffin (US 2004/0121756).

Claims 22 and 33 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Griffin, and further in view of Lin (US 2006/0068752).

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Claim 27 was rejected under 35 U.S.C. 103(a) as being unpatentable over Van Camp in view of Griffin, and further in view of Boling (US 6,044,257).

Applicants submit that independent claims 7, 16, and 35-37, together with the claims dependent therefrom, are patentably distinct from the cited references for at least the following reasons.

The present invention is intended to provide a solution to significant problems which exist in the field of self-defense devices. As explained in the present application, there are a number of drawbacks associated with such devices. For example, one drawback is that even when a person owns one of these devices, he or she will often forget to carry the device while traveling. Another drawback is that victims are often attacked while alone, and are therefore often left to fend off an attacker by themselves without anyone else knowing that they are being attacked. (See, e.g., page 4, lines 7-14 of the present application.) The present invention is intended to ameliorate these and other drawbacks.

(It is of course to be understood that the references to various portions of the present application are by way of illustration and example only, and that the claims are not limited by the details shown in the portions referred to.)

Independent claims 7, 16, 35, and 36

Independent claim 7 as amended is directed to the following:

7. A mobile device, comprising:
a camera unit, adapted to obtain at least one of image data and audio data;
a location unit, adapted to obtain location data;
a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

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a panic button, adapted to, when activated, perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit,

wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed.

Van Camp relates to a communication system that comprises one or more remote units 112A-C (see Fig. 1). The communication system may also include command center 110 that comprises a general services center 114 and an emergency response center 116.

Griffin relates to an individual emergency tracking system for notifying of emergencies and includes a housing, a pair of bands attached to the housing for securing about a wrist, a control unit, a plurality of control switches for entering control codes, a microphone connected to the control unit, a camera connected to the control unit, a GPS unit connected to the control unit, and a transmitter unit connected to the control unit for transmitting an emergency signal to a central station. The system of Griffin is disguised as a conventional watch.

Claim 7 recites, among other notable features, wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed.

Claim 25 (now canceled) formerly recited "wherein the panic button is activated by a depressing of the panic button together with another button." (See, e.g., the present specification at page 7 lines 12-17.)

In rejecting former claim 25, the Office Action states on page 8: "Regarding claim 25, the combination further discloses the panic button is activated by a depressing of the panic button together with another button (Van Camp, col. 10 lines 49-51)."

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However, that section of Van Camp merely states: "*For emergency assistance requests, the user may depress the POLICE 911 DIRECT button and/or the EMERGENCY CENTER button.*" Thus, pressing **only one button** in Van Camp will activate a panic button function. However, in the claimed invention, in stark contrast, the panic button is activated by a depressing of the panic button together with another button **such that no panic button function is activated unless both buttons are depressed**. By virtue of this feature, accidental triggering of the panic button functions can be avoided.

Accordingly, Van Camp does not teach or suggest this feature.

Griffin also does not teach or suggest this feature and indeed the Office Action cites Griffin for teaching a camera unit and related features.

Accordingly, nothing in Van Camp or Griffin, whether considered either separately or in any permissible combination, would teach or suggest at least the features of "a panic button, adapted to, when activated, perform at least one of the following panic button functions: (1) dialing a public or private network for emergency purposes or (2) activating the transmitting unit, wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed," as recited in amended independent claim 7.

Independent claims 16, 35, and 36 each recite certain features which are similar in relevant respects to those discussed above in connection with amended independent claim 7. Accordingly, independent claims 16, 35, and 36 are patentable over Van Camp and Griffin for at least those same reasons.

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Independent claim 37

Independent claim 37 recites the following:

37. (New) An emergency safety device, comprising:
a location unit, adapted to obtain location data;
a transmitting unit, adapted to transmit the location data as emergency information to a specified location, along with specific information including owner identification information;
a panic button, adapted to activate the transmitting unit when activated; and
a self-defense mechanism comprising at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, and a stun gun.

Nothing in Van Camp or Griffin teaches or suggests a device having the above features including, *inter alia*, a self-defense mechanism comprising a vial configured to contain pepper spray or mace. Accordingly, independent claim 37 is patentable over the cited references.

The Dependent Claims

The other claims in this application are each dependent from one or another of the independent claims discussed above and are therefore believed patentable for the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration or reconsideration, as the case may be, of the patentability of each on its own merits is respectfully requested.

Applicant also has the following comments in particular.

Claim 9

Claim 9 has been amended as follows: "wherein the panic button is activated by a ~~depressing or~~ series of depressings of the panic button."

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In rejecting claim 9 the Examiner cites Van Camp, col. 11, lines 40-49. Applicants have carefully reviewed this section of Van Camp and are unable to find any teaching of a panic button being activated by a series of depressings of the panic button as in amended claim 9.

Claim 17

Claim 17 recites wherein the specific information includes a time and date stamp.

The Examiner cites Van Camp, log entry, col. 13 lines 1-6. However, that section of Van Camp states that "When the transmission ends, the secondary remote unit 112 suitably stores a log entry indicating that the location data was requested and transmitted by the master remote unit 300 at the particular date and time (834)." (Emphasis added.) Thus the remote unit 112 stores a log entry but this is not a teaching that specific information transmitted by the transmitting unit includes a time and date stamp.

Claim 24

Claim 24 recites wherein the panic button is activated by a depressing of the panic button for a predetermined time period.

The Examiner cites Van Camp, col. 16 lines 55-63. This section states that "The emergency alarm 1410 can also be activated by other actions, such as by depressing a preprogrammed button", but this is not a teaching of depressing the preprogrammed button for a predetermined time period.

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The Double Patenting Rejection

Claims 7-9, 16-19, 22, and 24-35 were rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (US 7,515,900).

Independent claims 7, 16, and 35 as amended each recite a feature wherein the panic button is activated by a depressing of the panic button together with another button such that no panic button function is activated unless both buttons are depressed. This feature is not claimed in the '915 patent nor is it taught or suggested by Van Camp as explained above and therefore Applicants respectfully request removal of the double patenting rejection. Nevertheless, if at some point the only rejection remaining in this application is a double patenting rejection then Applicants can address the double patenting rejection at that point such as by filing a Terminal Disclaimer.

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Conclusion

In view of the foregoing amendments and remarks, Applicants respectfully request favorable reconsideration and early passage to issue of the prcscnt application.

Petition for Extension of Time and Fees:

Applicants hereby petition for an extension of time. Submitted herewith is payment via credit card authorization of $370 (micro entity) in payment of the extension fee.

Also, this amendment results in 20 total claims, including 5 independent claims. Accordingly, excess claims fees for 2 excess independent claims are due, in the amount of 2 x $120 = $240. Submitted herewith is payment via credit card authorization of $240 (micro entity) in payment of the excess claims fees.

Thus the total amount submitted is $370 + $240 = $610.

Also submitted herewith is a Certification of Micro Entity Status.

Respectfully submitted,

Samantha DiPerna, *Pro Se*
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 09/18/2020

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EXAMINER
HSIEH, PING Y

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
09/18/2020	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 16/262,835	Applicant(s) DiPerna et al.	
	Examiner PING Y HSIEH	Art Unit 2664	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 5/20/19.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL.** 2b) ☑ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 7-9,16-19,22 and 24-35 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 7-9,16-19,22 and 24-35 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☑ The drawing(s) filed on 1/30/19 is/are: a)☑ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☑ Notice of References Cited (PTO-892)

2) ☑ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed

determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp.

Claims 7-9, 16-19, 22 and 24-35 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (U.S. PATENT NO. 7,515,900).

-Regarding claim 7 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, adapted to dial an emergency dispatch center when activated **(col. 8 lines 26-28)**. Claim 1 of U.S. Patent No. 8,472,915 is silent to teaching that along with specific information including owner identification information. However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

-Regarding claim 16 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and

audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit as emergency information (1) at least one of the image data, the audio data, and the location data **(col. 8 lines 22-24)**; and a panic button; adapted to activate the camera, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated **(col. 8 lines 26-28)**.

However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

-Regarding claim 35, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, which, when activated, performs at least one of (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, and (2) dialing an emergency dispatch center **(col. 8 lines 26-28)**.

However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

Claims 8, 9, 17-19, 22, and 24-34 are rejected on the ground of nonstatutory obviousness-type double patenting as being dependent upon a rejected base claim, but would be withdrawn from the rejection if their base claims overcome the rejection by the timely filing of a terminal disclaimer.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claim 7-9, 16-19, 24-26, 28-32, 34 and 35 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756).

-Regarding claim 7, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to dial an emergency dispatch center when activated **(col. 10 line 49-col. 11 line 39)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

-Regarding claim 8, the combination further discloses a voice activation unit, adapted to activate the panic button using a voice command **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 9, the combination further discloses the panic button is activated by a depressing or series of depressings of the panic button **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 16, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit as emergency information (1) at least one of the image data, the audio data, and the location data

(communication system 210, col. 5 lines 46-59) along with (2) specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to activate the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated **(col. 10 line 49-col. 11 line 39)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

-Regarding claim 17, the combination further discloses the specific information includes a time and date stamp **(Van Camp, log entry, col. 13 lines 1-6)**.

-Regarding claim 18, the combination further discloses the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period **(Van Camp, message recording 1310, FIG. 13; Griffin, time period, FIG. 10)**.

-Regarding claim 19, the combination further discloses the panic button is silent **(Van Camp, col. 14 lines 31-54)**.

-Regarding claim 24, the combination further discloses the panic button is activated by a depressing of the panic button for a predetermined time period **(Van Camp, col. 16 lines 55-63)**.

-Regarding claim 25, the combination further discloses the panic button is activated by a depressing of the panic button together with another button **(Van Camp, col. 10 lines 49-51)**.

-Regarding claim 26, the combination further discloses the panic button activates an audible alarm **(Van Camp, col. 11 lines 40-66)**.

-Regarding claim 28, the combination further discloses when the panic button is activated 911 is dialed **(Van Camp, col. 10 lines 56-58)**.

-Regarding claim 29, the combination further discloses the panic button is activated when pressed along with an emergency touchpad picture **(Van Camp, col. 10 lines 49-51)**.

-Regarding claim 30, the combination further discloses the owner identification information includes a name and a description of the owner of the mobile device **(Van Camp, col. 10 lines 30-34)**.

-Regarding claim 31, the combination further discloses the emergency dispatch center is a private emergency dispatch network **(Van Camp, communication center 110, col. 4 lines 36-56)**.

-Regarding claim 32, the combination further discloses the mobile device is configured such that the panic button is activated when an emergency dispatch center is dialed **(Van Camp, col. 10 lines 56-58)**.

-Regarding claim 34, the combination further discloses the panic button is activated by a depressing or series of depressings of the panic button **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 35, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, which, when activated, performs at least one of (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location **(col. 10 line 49-col. 11 line 39)**, and (2) dialing an emergency dispatch center **(col. 10 lines 56-58)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

Claim 22 and 33 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Claim is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756) and further in view of Lin (U.S. PG-PUB NO. 2006/0068752).

-Regarding claim 22, the combination further discloses the panic button activates an audible warning message **(Van Camp, col. 11 lines 40-66)**. The combination is silent to teaching that the audible warning message includes words.

However, the claimed limitation is well known in the art as evidenced by Lin.

In the same field of endeavor, Lin teaches the audible warning message includes words **(paragraph 25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Lin in order to provide more information in the warning message.

-Regarding claim 33, the combination further discloses the specific information includes a pre-recorded emergency message **(Lin, paragraph 25)**.

Claim 27 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756) and further in view of Boling (U.S. PATENT NO. 6,044,257).

-Regarding claim 27, the combination is silent to teaching that a safety switch that, upon being moved into position, readies the panic button to contact the emergency dispatch center when the panic button is activated. However, the claimed limitation is well known in the art as evidenced by Boling.

In the same field of endeavor, Boling teaches a safety switch that, upon being moved into position, readies the panic button to contact the emergency dispatch center when the panic button is activated **(flip to cover, see abstract)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Boling in order to minimize the button being accidentally pressed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PING Y HSIEH whose telephone number is (571)270-3011. The examiner can normally be reached on Monday-Friday, 9am-4pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on (571) 272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see https://ppair-my.uspto.gov/pair/PrivatePair. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PING Y HSIEH/
Primary Examiner, Art Unit 2664

Notice of References Cited	Application/Control No. 16/262,835	Applicant(s)/Patent Under Reexamination DiPerna et al.	
	Examiner PING Y HSIEH	Art Unit 2664	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-7515900-B2	04-2009	Van Camp; R. Allen	G08B25/016	455/404.2
*	B	US-6044257-A	03-2000	Boling; Brian M.	G08B7/064	455/404.2
*	C	US-5742666-A	04-1998	Alpert; Martin	H04M1/2749	455/404.2
*	D	US-20060068752-A1	03-2006	Lin; Yonghao	H04M3/53375	455/404.1
*	E	US-20040121756-A1	06-2004	Griffin, Robbin M.	G01S19/17	455/404.2
	F					
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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

OPAP AKIMA-15 MAY 2 0 2019 PATENT & TRADEMARK OFFICE

PTO/SB/08b (07-09)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	16/262,835
Filing Date	January 30, 2019
First Named Inventor	Samantha DiPerna
Art Unit	3754
Examiner Name	Ping Y. Hsieh
Attorney Docket Number	02-CON3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		Decision on Appeal dated June 8, 2017 in U.S. Appln. No. 13/897,359 (no copy attached as this U.S. Patent Document is of record in U.S. Appln. No. 13/897,359)	

Examiner Signature	/PING Y HSIEH/	Date Considered	09/16/2020

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.Y.H/

PTO/SB/08a (07-09)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet | | of | |

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	HEREWITH
First Named Inventor	Samantha DiPERNA
Art Unit	2666
Examiner Name	Ping Y. Hsieh
Attorney Docket Number	02-CON3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2004/0203570 A1	October 2004	Berger	
		US- 2002/0108966 A1	August 2002	Park	
		US- 2004/0121756 A1	June 2004	Griffin et al.	
		US- 2004/0137938 A1	July 2004	Deubler, Jr.	
		US- 7,515,900	April 2009	Van Camp	
		US- 5,476,192	Dec 1995	Julinot	
		US- 2006/0011687 A1	Jan 2006	Wadley	
		US- 4,477,005	Oct 1984	Martinez	
		US- 5,973,477	Oct 1999	Chang	
		US- 5,988,450	Nov 1999	Cassarino	
		US- 2002/0187756 A1	Dec 2002	Chen	
		US- 2003/0003950 A1	Jan 2003	Kroll	
		US- 2003/0222889 A1	Dec 2003	Parulski	
		US- 2004/0155084 A1	Aug 2004	Brown	
		US- 2004/0185900 A1	Sept 2004	McElveen	
		US- 2005/0227833 A1	Oct 2005	Wilkinson	
		US- 2003/0050088 A1	March 2003	Kroll	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

Examiner Signature	/PING Y HSIEH/	Date Considered	09/16/2020

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/262,835	01/30/2019	Samantha DiPerna	02-CON3	3352

7590 09/18/2020

Jacqueline DiPerna
260 Cagney Lane, Apt. 204
Newport Beach, CA 92663

EXAMINER	
HSIEH, PING Y	

ART UNIT	PAPER NUMBER
2664	

MAIL DATE	DELIVERY MODE
09/18/2020	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 16/262,835	Applicant(s) DiPerna et al.	
	Examiner PING Y HSIEH	Art Unit 2664	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 5/20/19.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL.** 2b) ☑ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 7-9,16-19,22 and 24-35 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 7-9,16-19,22 and 24-35 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☑ The drawing(s) filed on 1/30/19 is/are: a)☑ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☑ Notice of References Cited (PTO-892)

2) ☑ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed

determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp.

Claims 7-9, 16-19, 22 and 24-35 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims of U.S. Patent No. 8,472,915 in view of Van Camp (U.S. PATENT NO. 7,515,900).

-Regarding claim 7 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, adapted to dial an emergency dispatch center when activated **(col. 8 lines 26-28)**. Claim 1 of U.S. Patent No. 8,472,915 is silent to teaching that along with specific information including owner identification information. However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

-Regarding claim 16 of instant application, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and

audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit as emergency information (1) at least one of the image data, the audio data, and the location data **(col. 8 lines 22-24)**; and a panic button, adapted to activate the camera, the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated **(col. 8 lines 26-28)**.

However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

-Regarding claim 35, claim 1 of U.S. Patent No. 8,472,915 teaches a mobile device, comprising: a camera unit, adapted to obtain at least one of image data and audio data **(col. 8 lines 19-20)**; a location unit, adapted to obtain location data **(col. 8 line 21)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(col. 8 lines 22-24)**; and a panic button, which, when activated, performs at least one of (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, and (2) dialing an emergency dispatch center **(col. 8 lines 26-28)**.

However, the claimed limitation is well known in the art as evidenced by Van Camp.

In the same field of endeavor, Van Camp teaches along with specific information including owner identification information **(col. 11 lines 16-25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of claim 1 of U.S. Patent No. 8,472,915 with the teaching of Van Camp in order to determine the identity of the user.

Claims 8, 9, 17-19, 22, and 24-34 are rejected on the ground of nonstatutory obviousness-type double patenting as being dependent upon a rejected base claim, but would be withdrawn from the rejection if their base claims overcome the rejection by the timely filing of a terminal disclaimer.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claim 7-9, 16-19, 24-26, 28-32, 34 and 35 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756).

-Regarding claim 7, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to dial an emergency dispatch center when activated **(col. 10 line 49-col. 11 line 39)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

-Regarding claim 8, the combination further discloses a voice activation unit, adapted to activate the panic button using a voice command **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 9, the combination further discloses the panic button is activated by a depressing or series of depressings of the panic button **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 16, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit as emergency information (1) at least one of the image data, the audio data, and the location data

(communication system 210, col. 5 lines 46-59) along with (2) specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, adapted to activate the location unit, and the transmitting unit, and send the emergency information and the specific information to a specified location when the panic button is activated **(col. 10 line 49-col. 11 line 39)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

-Regarding claim 17, the combination further discloses the specific information includes a time and date stamp **(Van Camp, log entry, col. 13 lines 1-6)**.

-Regarding claim 18, the combination further discloses the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period **(Van Camp, message recording 1310, FIG. 13; Griffin, time period, FIG. 10)**.

-Regarding claim 19, the combination further discloses the panic button is silent **(Van Camp, col. 14 lines 31-54)**.

-Regarding claim 24, the combination further discloses the panic button is activated by a depressing of the panic button for a predetermined time period **(Van Camp, col. 16 lines 55-63)**.

-Regarding claim 25, the combination further discloses the panic button is activated by a depressing of the panic button together with another button **(Van Camp, col. 10 lines 49-51)**.

-Regarding claim 26, the combination further discloses the panic button activates an audible alarm **(Van Camp, col. 11 lines 40-66)**.

-Regarding claim 28, the combination further discloses when the panic button is activated 911 is dialed **(Van Camp, col. 10 lines 56-58)**.

-Regarding claim 29, the combination further discloses the panic button is activated when pressed along with an emergency touchpad picture **(Van Camp, col. 10 lines 49-51)**.

-Regarding claim 30, the combination further discloses the owner identification information includes a name and a description of the owner of the mobile device **(Van Camp, col. 10 lines 30-34)**.

-Regarding claim 31, the combination further discloses the emergency dispatch center is a private emergency dispatch network **(Van Camp, communication center 110, col. 4 lines 36-56)**.

-Regarding claim 32, the combination further discloses the mobile device is configured such that the panic button is activated when an emergency dispatch center is dialed **(Van Camp, col. 10 lines 56-58)**.

-Regarding claim 34, the combination further discloses the panic button is activated by a depressing or series of depressings of the panic button **(Van Camp, col. 11 lines 40-49)**.

-Regarding claim 35, Van Camp discloses a mobile device **(remote units 112, FIG. 1; col. 4 lines 25-35)**, comprising: a location unit, adapted to obtain location data **(positioning system 212, col. 5 line 60-col. 6 line 8)**; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location **(communication system 210, col. 5 lines 46-59)**, along with specific information including owner identification information **(col. 11 lines 16-25)**; and a panic button, which, when activated, performs at least one of (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location **(col. 10 line 49-col. 11 line 39)**, and (2) dialing an emergency dispatch center **(col. 10 lines 56-58)**.

However, Van Camp does not disclose a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Van Camp contains a "base" device and process of a mobile device for transmitting emergency information which the claimed invention can be seen as an "improvement" in that including a camera unit a camera unit, adapted to obtain at least one of image data and audio data; and the panic button adapted to activate the camera unit.

Griffin contains known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** that is applicable to the "base" device and process.

Griffin's known technique of a camera unit, adapted to obtain at least one of image data and audio data **(paragraph 46)**; and the panic button adapted to activate the camera unit **(paragraph 40)** would have recognized by one skilled in the art as applicable to the "base" device and process of Van Camp and the results would have been predictable and resulted in the mobile device including a camera able to obtain image or audio data which results in an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

Claim 22 and 33 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Claim is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756) and further in view of Lin (U.S. PG-PUB NO. 2006/0068752).

-Regarding claim 22, the combination further discloses the panic button activates an audible warning message **(Van Camp, col. 11 lines 40-66)**. The combination is silent to teaching that the audible warning message includes words.

However, the claimed limitation is well known in the art as evidenced by Lin.

In the same field of endeavor, Lin teaches the audible warning message includes words **(paragraph 25)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Lin in order to provide more information in the warning message.

-Regarding claim 33, the combination further discloses the specific information includes a pre-recorded emergency message **(Lin, paragraph 25)**.

Claim 27 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Van Camp (U.S. PATENT NO. 7,515,900) in view of Griffin (U.S. PG-PUB NO. 2004/0121756) and further in view of Boling (U.S. PATENT NO. 6,044,257).

-Regarding claim 27, the combination is silent to teaching that a safety switch that, upon being moved into position, readies the panic button to contact the emergency dispatch center when the panic button is activated. However, the claimed limitation is well known in the art as evidenced by Boling.

In the same field of endeavor, Boling teaches a safety switch that, upon being moved into position, readies the panic button to contact the emergency dispatch center when the panic button is activated **(flip to cover, see abstract)**.

Therefore, it would have been obvious to one of ordinary skills in the art before the effective filing date of the claimed invention to combine the teaching of the combination with the teaching of Boling in order to minimize the button being accidentally pressed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PING Y HSIEH whose telephone number is (571)270-3011. The examiner can normally be reached on Monday-Friday, 9am-4pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on (571) 272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see https://ppair-my.uspto.gov/pair/PrivatePair. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PING Y HSIEH/
Primary Examiner, Art Unit 2664

Notice of References Cited	Application/Control No. 16/262,835	Applicant(s)/Patent Under Reexamination DiPerna et al.	
	Examiner PING Y HSIEH	Art Unit 2664	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-7515900-B2	04-2009	Van Camp; R. Allen	G08B25/016	455/404.2
*	B	US-6044257-A	03-2000	Boling; Brian M.	G08B7/064	455/404.2
*	C	US-5742666-A	04-1998	Alpert; Martin	H04M1/2749	455/404.2
*	D	US-20060068752-A1	03-2006	Lin; Yonghao	H04M3/53375	455/404.1
*	E	US-20040121756-A1	06-2004	Griffin, Robbin M.	G01S19/17	455/404.2
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	**Art Unit**
	PING Y HSIEH	2664

CPC - Searched*		
Symbol	**Date**	**Examiner**
H04M1/026, 1/21, 1/72519, 1/72541, 11/04, 1/7255, 1/72552, 2250/10	09/16/2020	PH
F41H9/10	09/16/2020	PH
G08B15/02, 25/016	09/16/2020	PH
H04B1/3888	09/16/2020	PH

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**
455	404.1, 404.2, 427, 12.1, 556.1, 575.1 ,575.6, 90.1, 344, 347, 575.3, 575.4	09/16/2020	PH

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	**Date**	**Examiner**
Text searched in EAST (see search history)	09/16/2020	PH
Inventor name searched	09/16/2020	PH
Concept searched in IP.com, Google Patents, Google Scholar	09/16/2020	PH

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	Art Unit
	PING Y HSIEH	2664

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	See interference search in EAST	09/16/2020	PH

/PING Y HSIEH/ Primary Examiner, Art Unit 2664	

EXHIBIT 1004
Page 273 of 370

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/262,835	DiPerna et al.
	Examiner	Art Unit
	PING Y HSIEH	2664

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	09/16/2020								
	1	-								
	2	-								
	3	-								
	4	-								
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	32	✓								
	33	✓								
	34	✓								
	35	✓								

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"7437176".pn.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L2	198	camera same gps same upload same picture	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L3	21,940	camera and gps and upload and picture	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L4	1,192	L3 and "455".clas.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L5	1,589	larsson and "455".clas.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L6	69	(peter near larsson).in. and "455".clas.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L7	3,432	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L8	3,307	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L9	1,444	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L10	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L11	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L12	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L13	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44

L14	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L15	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L16	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L17	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L18	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L19	22,711	L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L20	1,273	L19 and camera and (gps location) and (upload report) and (image picture)	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L21	55	L19 and (camera same (gps location) same (upload report) same (image picture))	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L22	1	"20040137938".pn.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L23	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L24	4,319	self near3 defen$6	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L25	545	self near3 defen$6 near4 mechanism	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L26	6	broadcom and (l2cap and fm)	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L27	2,457	broadcom and (bluetooth and fm)	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L28	289	broadcom and (bluetooth and fm) and single near2 chip	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44

L29	285	broadcom and (bluetooth and fm) and single adj chip	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L30	2	11/333809.app.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L31	61,813	emergency and (voice activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L32	4,486	L31 and "455".clas.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L33	3,432	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L34	3,307	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L35	1,444	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L36	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L37	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L38	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L39	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L40	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L41	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L42	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L43	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44

L44	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L45	22,711	L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L46	1,417	L45 and L31	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L47	4,519	emergency and (voice near3 activat$4) and alarm	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L48	1,417	L45 and L31	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L49	198	L45 and L47	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L50	1	"7515900".pn.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L51	1	11/333809.app.	USPAT	OR	OFF	2020/09/16 22:44
L52	2	11/333809.app.	US-PGPUB; USPAT	OR	OFF	2020/09/16 22:44
L53	1	"7069062".pn.	USPAT	OR	OFF	2020/09/16 22:44
L54	1	"20040121756".pn.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L55	1	"7515900".pn.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L56	6	(pepper adj spray) and mace and dye and (foam$3 near agent) and (stench near ointment) and (stun near gun)	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L57	125	vial and (self near defense)	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L58	21	("4058237" | "5088624" | "5358144" | "5669529" | "5678730").PN. OR ("5924601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L59	884	222/175.ccls.	US-PGPUB;	OR	OFF	2020/09/16 22:44

			USPAT; USOCR			
L60	148	L59 and (pepper near spray mace dye foam$3 near agent stench near ointment stun gun)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L61	5	"6002120"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L62	5	("20040204060" | "20050085263" | "20050130702" | "20050130720" | "20050245288").PN.	US-PGPUB; USPAT	OR	OFF	2020/09/16 22:44
L63	21	("4058237" | "5088624" | "5358144" | "5669529" | "5678730").PN. OR ("5924601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L64	90	("6421001" | "0436806" | "5365570" | "6184796" | "6240303" | "6310609" | "6314179" | "6449496" | "6535726" | "6792298" | "6243039" | "5054051" | "5841849" | "6055439" | "6246751" | "6785387" | "6799163" | "20050085257" | "0406131" | "0477344" | "20030122784" | "20030236088" | "5473671" | "6356258" | "6115597" | "20020141558" | "20040101112" | "20040208304" | "5029196" | "5455857" | "5651056" | "6226532" | "6298122" | "6553222" | "D496638" | "6668179" | "20040046637" | "6681000" | "6236358" | "0374190" | "20020106073" | "20030073426" | "20040229600" | "20040264666" | "5499288" | "5561705" | "6198947" | "6289084" | "6993004" | "6044257" | "0354489" | "0487807" | "0488811" | "5999966" | "6035217" | "6370363" | "6424706" | "D496639" | "D508028" | "6298131" | "6226510" | "20030081767" | "5351051" | "20020082042" | "4769836" | "5467388" | "5487108" | "5522089" | "5677949" | "6167251" | "6173171" | "6816721" | "20030047860" | "20060015819" | "20030027606" | "5894591" | "20020159571" | "4980910" | "5009507" | "5864603" | "6173194" | "6567671" | "6198914").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2020/09/16 22:44
L65	28	L64 and (press$3 depress$3) near3 button	US-PGPUB;	OR	ON	2020/09/16 22:44

			USPAT; USOCR			
L66	21	emergency and speeddial	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L67	25	emergency and speeddial$3	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L68	104,086	(hold held time) with (press$3 depress$3) near3 button	US-PGPUB; USPAT; USOCR	OR	ON	2020/09/16 22:44
L69	3,432	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L70	3,307	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L71	1,444	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L72	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L73	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L74	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L75	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L76	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L77	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L78	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L79	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44

L80	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L81	22,711	L69 L70 L71 L72 L73 L74 L75 L76 L77 L78 L79 L80	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L82	729	(hold held time) with (press$3 depress$3) near3 button and L81	US-PGPUB; USPAT; USOCR	OR	ON	2020/09/16 22:44
L84	1	"8472915".pn.	USPAT	OR	OFF	2020/09/16 22:44
L85	1	13/897359	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L86	49	record$3 near3 warn$3 same (where destination)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L87	5,358	record$3 near3 warn$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L88	1,550	L87 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L89	3,432	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L90	3,307	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L91	1,444	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L92	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L93	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L94	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44

L95	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L96	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L97	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L98	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L99	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L100	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L101	22,711	L89 L90 L91 L92 L93 L94 L95 L96 L97 L98 L99 L100	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L102	22,711	L101	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L103	11	L102 and L88	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L104	1	"5742666".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L105	1	"6044257".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L106	0	emergency near3 message same (tcp/ip and wap and mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L107	0	emergency near3 message same (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L108	135	emergency and message same (tcp same wap same mms)	US-PGPUB;	OR	OFF	2020/09/16 22:44

			USPAT; USOCR			
L109	4	L108 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L110	16	emergency near5 message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L111	43	emergency same message and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L112	349	emergency and (tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L113	4	L112 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L114	2,746	(tcp same wap same mms)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L115	60	L114 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L116	13	"8472915"	USPAT	AND	OFF	2020/09/16 22:44
L117	1	"8472915".pn.	USPAT	AND	OFF	2020/09/16 22:44
L118	2,343	h04m1/026.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L119	1,807	h04m1/21.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L120	6,832	h04m1/72519.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L121	630	h04m1/72541.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44

L122	2,826	h04m11/04.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L123	1,166	h04m1/7255.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L124	5,488	h04m1/72552.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L125	2,861	h04m2250/10.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L126	567	f41h9/10.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L127	363	g08b15/02.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L128	3,605	g08b25/016.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L129	4,440	h04b1/3888.cpc.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L130	30,287	L118 L119 L120 L121 L122 L123 L124 L125 L126 L127 L128 L129	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L131	3,432	455/404.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L132	3,307	455/404.2.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L133	1,444	455/427.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L134	2,308	455/12.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L135	5,209	455/556.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L136	4,935	455/575.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44

L137	425	455/575.6.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L138	967	455/90.1.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L139	917	455/344.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L140	918	455/347.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L141	2,077	455/575.3.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L142	1,706	455/575.4.ccls.	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L143	22,711	L131 L132 L133 L134 L135 L136 L137 L138 L139 L140 L141 L142	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L144	22,711	L143	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L145	50,146	L130 L143	US-PGPUB; USPAT	OR	ON	2020/09/16 22:44
L146	12,641	L145 and @ad<"20050114"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L147	666	L146 and (audible word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L148	7	L146 and (audible same word) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L149	1,058	L146 and (audible (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L150	258	L146 and (audible and (help$3 fire word)) same (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44

L151	147	L146 and (audible same (help$3 fire word)) and (alarm$3 warn$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L152	60	L146 and (audible same (alarm$3 warn$3)) same (pre$record$3 record$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L153	8	L146 and (audible same (alarm$3 warn$3)) same (word sentence)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L154	1	"20180089505".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44
L155	1	"20190272645".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/16 22:44

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L83	116	(camera and (location gps) and (server dispatch center emergency) and (self near defens$3 spray mace dye vial stench stun$4 near gun)).clm.	US-PGPUB; USPAT; *No UPAD	OR	OFF	2020/09/16 22:44

9/16/2020 10:49:07 PM
C:\Users\phsieh\Documents\EAST\Workspaces\16262835_13897359_11333809_emergency_protection_mobile_device.wsp

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PATENT & TRADEMARK OFFICE

PTO/SB/08b (07-09)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

	Complete if Known
Application Number	16/262,835
Filing Date	January 30, 2019
First Named Inventor	Samantha DiPerna
Art Unit	3754
Examiner Name	Ping Y. Hsieh
Attorney Docket Number	02-CON3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		Decision on Appeal dated June 8, 2017 in U.S. Appln. No. 13/897,359 (no copy attached as this U.S. Patent Document is of record in U.S. Appln. No. 13/897,359)	

Examiner Signature	/PING Y HSIEH/	Date Considered	09/16/2020

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.Y.H/

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet | | of | |

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	HEREWITH
First Named Inventor	Samantha DIPERNA
Art Unit	2666
Examiner Name	Ping Y. Hsieh
Attorney Docket Number	02-CON3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2004/0203570 A1	October 2004	Berger	
		US- 2002/0108966 A1	August 2002	Park	
		US- 2004/0121756 A1	June 2004	Griffin et al.	
		US- 2004/0137938 A1	July 2004	Deubler, Jr.	
		US- 7,515,900	April 2009	Van Camp	
		US- 5,476,192	Dec 1995	Julinot	
		US- 2006/0011687 A1	Jan 2006	Wadley	
		US- 4,477,005	Oct 1984	Martinez	
		US- 5,973,477	Oct 1999	Chang	
		US- 5,988,450	Nov 1999	Cassarino	
		US- 2002/0187756 A1	Dec 2002	Chen	
		US- 2003/0003950 A1	Jan 2003	Kroll	
		US- 2003/0222889 A1	Dec 2003	Parulski	
		US- 2004/0155084 A1	Aug 2004	Brown	
		US- 2004/0185900 A1	Sept 2004	McElveen	
		US- 2005/0227833 A1	Oct 2005	Wilkinson	
		US- 2003/0050088 A1	March 2003	Kroll	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

Examiner Signature	/PING Y HSIEH/	Date Considered	09/16/2020

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.Y.H/

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289 REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.Y.H/

Bibliographic Data

Application No: 16/262,835

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /PING Y HSIEH/ Examiner's Signature | Initials

Title: EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
01/30/2019	455	2664	02-CON3
RULE			

APPLICANTS

INVENTORS

Samantha DiPerna, New York, NY, UNITED STATES

Jacqueline DiPerna, Newport Beach, CA, UNITED STATES

CONTINUING DATA

This application is a DIV of 13897353 05/17/2013 PAT 10230827

13897353 is a CON of 11333809 01/17/2006 PAT 8472915

This application is a CON of 11333809 01/17/2006 PAT 8472915

11333809 has PRO of 60643865 01/14/2005

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

02/14/2019

** SMALL ENTITY **

STATE OR COUNTRY

UNITED STATES

ADDRESS

Jacqueline DiPerna
260 Cagney Lane, Apt. 204
Newport Beach, CA 92663
UNITED STATES

FILING FEE RECEIVED

$965

Patents

mobile device panic button activating camera and dispatch center

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Emergency personal protection system integrated with mobile devices



US · US20190268458A1 · Samantha DiPerna · Samantha DiPerna

Priority 2005-01-14 · Filed 2019-01-30 · Published 2019-08-29

A mobile device includes a camera unit, a location unit, a transmitting unit, a self-defense mechanism, and a panic button. The camera unit location unit obtains at least one of image data and audio data, and the location unit obtains location data. The transmitting unit transmits at least one of ...

Multiple deterrent, emergency response and localization system and method



US · US20050248453A1 · Cary Fechter · Fechter Cary E

Priority 2004-05-10 · Filed 2005-05-10 · Published 2005-11-10

A method of locating a distressed individual using a pre-programmed, immediate response alarm device includes the steps of: (a) activating a pre-programmed response alarm device; (b) automatically capturing a digital photograph with the pre-programmed response alarm device; (c) automatically ...

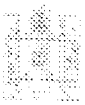
Mobile device accessory

WO EP US CN AU BR CA · AU2017291821A1 · Todd W. BALDREE · Katana Safety, Inc.

Priority 2016-07-06 · Filed 2017-07-05 · Published 2019-02-14

The subject matter of this specification can be embodied in, among other things, a mobile device accessory includes a housing defining an attachment surface that is configured to engage a mobile device, a wearable component configured to be worn by a user of the mobile device, a separation ...

Personal security feature for a regular camera phone



WO US · US20100087161A1 · David Charles YOUNG · Sony Ericsson Mobile Communications AB

Priority 2008-10-08 · Filed 2008-10-08 · Published 2010-04-08

1 . A method comprising: recognizing imminent danger from an assailant; in response to the recognition of danger, photographing an image of the assailant using a mobile communications device; and automatically transmitting assailant image data to a remote destination. 2 . A method as recited in

Systems and methods for initiating a distress signal from a mobile device ...



US · US20120238886A1 · David Amis · David Amis

Priority 2011-05-05 · Filed 2011-06-14 · Published 2012-11-08

The disclosure generally relates to systems and methods for allowing a person to activate a distress signal via a portable device, such as a mobile phone, without having to physically look at the portable device. For example, if a victim is being held hostage, attacked, threatened, etc., and ...

Mobile device attachment with user activated alarm



US · US10652346B2 · Todd W. Baldree · Katana Safety, Inc.

Priority 2016-07-06 · Filed 2019-06-07 · Granted 2020-05-19 · Published 2020-05-19

The subject matter of this specification can be embodied in, among other things, a mobile device accessory that includes a first housing defining a first attachment surface that is configured to adhere to another surface, a user input mechanism configured to activate in response to input by a user ...

Personal safety mobile notification system



US · US8665083B2 · Michael Saigh · Saigh And Son, Llc

Priority 2006-01-26 · Filed 2011-02-07 · Granted 2014-03-04 · Published 2014-03-04

Described embodiments provide a system for alerting emergency responders to the existence of an emergency situation. The system includes multiple mobile devices in communication with a mobile communications network. Each mobile device includes an encapsulator for capturing encapsulation data from ...

Methods and systems for threat assessment, safety management, and monitoring of ...

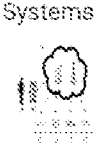


US · US8633809B2 · David Amis · Strider, Inc.

Priority 2009-08-24 · Filed 2010-08-24 · Granted 2014-01-14 · Published 2014-01-14

The disclosure generally relates to methods and systems anticipating a potentially threatening or dangerous incident, and providing varying levels of response to a user. In an exemplary embodiment, the present invention provides varying levels of assistance to a user prior to, during, and after a ...

Systems and methods for initiating a stand-by signal and a distress signal from ...



US · US20120238778A1 · David Amis · David Amis

Priority 2011-05-05 · Filed 2012-04-24 · Published 2012-11-08

The disclosure generally relates to systems and methods for allowing a person to activate a distress signal via a portable device, such as a mobile phone, without having to physically look at the portable device. For example, if a victim is being held hostage, and cannot use their mobile phone in ...

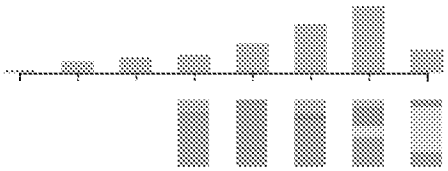
Personal safety mobile notification system



US • US20150230072A1 • Michael Saigh • Saigh And Son, Llc
Priority 2008-01-28 • Filed 2014-02-10 • Published 2015-08-13
Described embodiments provide a system for alerting emergency responders to the existence of an emergency situation. The system includes multiple mobile devices in communication with a mobile communications network. Each mobile device includes an encapsulator for capturing encapsulation data from ...

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Relative count of top 5 values

Assignees	Inventors	CPCs
Icontrol Networks, Inc.		9%
David Amis		3.2%
Rapidsos, Inc		2.9%
Kamilo Feher		2.5%
Jim Fulker		1.9%

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EXHIBIT 1004
Page 292 of 370

Emergency personal protection system integrated with **mobile devices**

S DiPerna, J DiPerna - US Patent 8,472,915, 2013 - Google Patents

... The most common use of MMS is for communication between **mobile** phones/**devices** ... Further, **cellular** telephones typically comply with e-**911**, which is **emergency 911** ... In one example, pushing a "**panic button**" on the **mobile phone**/**device** of the present invention can result in a ...

☆ 99 Cited by 54 Related articles All 4 versions »

Panic button phone

BM Boling, MC Bernstein, NA Natale - US Patent 6,044,257, 2000 - Google Patents

... 26, 40 and 20 may be a switch, touch sensor, or other similar **device** that functions ... of the **panic button phone** 10 status information concerning the functioning of the **phone** 10. As previously discussed, the indicator lights 32, 34 and 36 preferably include a **cellular** range indicator ...

☆ 99 Cited by 195 Related articles All 2 versions »

Panic button IP **device**

SN Zellner, MJ Enzmann, RT Moton Jr - US Patent 6,807,564, 2004 - Google Patents

... B1 US 6807564B1 Authority US United States Prior art keywords user **device panic button emergency** configured Prior art ... 230000003213 **activating** Effects 0 abstract ... 230000001413 **cellular** Effects 0 claims description 17; 230000000051 modifying Effects 0 claims description 7; ...

☆ 99 Cited by 253 Related articles All 2 versions »

Emergency personal protection system integrated with **mobile devices**

S DiPerna, J DiPerna - US Patent App. 13/897,359, 2014 - Google Patents

... These **devices** include, but are not limited to, **cellular** telephones, beepers, pagers, ipods, and ... a TCP/IP (Transmission Control Protocol/Internet Protocol) connection on the **phone** or **mobile** ... The most common use of MMS is for communication between **mobile** phones/**devices** ...

☆ 99 Cited by 3 Related articles All 2 versions »

Personal safety **mobile** notification system

M Saigh, KR Arndt - US Patent 8,665,089, 2014 - Google Patents

... 8665089 B2 US8665089 B2 US 8665089B2 Authority US United States Prior art keywords **emergency mobile device** data alert **mobile** Prior art ... 238000005538 encapsulation Methods 0 abstract claims description 12; 230000001413 **cellular** Effects 0 claims description 32; ...

☆ 99 Cited by 68 Related articles All 4 versions »

Notification and tracking system for **mobile devices**

PA Reitnour, BF Reitnour, NR Reitnour... - US Patent ..., 2014 - Google Patents

... 8768294B2 Authority US United States Prior art keywords **mobile device** server communication ... 238000000034 methods Methods 0 description 6; 230000001413 **cellular** Effects 0 description ... **devices**; H04M2250/52—Details of telephonic subscriber **devices** including functional ...

☆ 99 Cited by 137 Related articles All 4 versions »

Personal safety application for **mobile device** and method

BM Zotti, DD Dixon, CR Groves - US Patent App. 13/508,953, 2012 - Google Patents

... Authority US United States Prior art keywords **mobile** communication communication **device** intermediary subscriber user Prior art ... 238000010295 **mobile** communication Methods 0 ... 230000001413 **cellular** Effects 0 description 7; 238000000034 methods Methods 0 description ...

☆ 99 Cited by 63 Related articles All 2 versions »

Wireless **device emergency** services connection and **panic button**, with crime and safety information system

DL Ferguson, TC Lonstein - US Patent 8,588,733, 2013 - Google Patents

... description 1; 238000004364 calculation methods Methods 0 description 1; 230000001413 **cellular** Effects 0 ... In addition, digital **phone** systems are capable of configuration by an administrator or ... As a result, dialing an **emergency** telephone number from a **mobile device** or digital ...

☆ 99 Cited by 123 Related articles All 4 versions »

System and method for **mobile** personal **emergency** response

DS Blando, AL Havey, JM Parisi - US Patent 9,906,930, 2018 - Google Patents

... based on cell tower data and other information obtained in conjunction with the **cellular** carrier ... height, weight, gender, hair color, eye color, ethnicity, optional medical contact **phone** number, optional ... The audio and video captured maybe stored in the **mobile device** and/or maybe ...

☆ 99 Cited by 4 Related articles All 4 versions »

911 emergency voice/data telecommunication network

MC Polomy, VP Silva, DA Jones, EJ Kufeldt - US Patent 7,016,478, 2006 - Google Patents

... the network includes a plurality of BSs as is known in **cellular** telephone technology ... This includes **mobile** vehicular equipment and **mobile** non-vehicular equipment used by law enforcement ... These **dispatch** platforms inform the handset **device** of a statically-assigned IP address ...

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EXHIBIT 1004
Page 294 of 370

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/262,835	01/30/2019	Samantha DiPerna	02-CON3

CONFIRMATION NO. 3352

PUBLICATION NOTICE

Jacqueline DiPerna
260 Cagney Lane, Apt. 204
Newport Beach, CA 92663



Title:EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Publication No.US-2019-0268454-A1
Publication Date:08/29/2019

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/262,835	01/30/2019	Samantha DiPerna	02-CON3

CONFIRMATION NO. 3352

Jacqueline DiPerna
260 Cagney Lane, Apt. 204
Newport Beach, CA 92663

PUBLICATION NOTICE

OC000000110773088

Title:EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Publication No.US-2019-0268454-A1
Publication Date:08/29/2019

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 16/262,835

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	75		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	330		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	380		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	20 minus 20 =	*	x 50 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*	x 230 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	785		TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
16/262,835	01/30/2019	3754	865	02-CON3	20	3

CONFIRMATION NO. 3352

UPDATED FILING RECEIPT

Jacqueline DiPerna
260 Cagney Lane, Apt. 204
Newport Beach, CA 92663

OC000000108426544

Date Mailed: 05/23/2019

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

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Inventor(s)

Samantha DiPerna, New York, NY;
Jacqueline DiPerna, Newport Beach, CA;

Applicant(s)

Samantha DiPerna, New York, NY;
Jacqueline DiPerna, Newport Beach, CA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a DIV of 13/897,353 05/17/2013 PAT 10230827
which is a CON of 11/333,809 01/17/2006 PAT 8472915
which claims benefit of 60/643,865 01/14/2005

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

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The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/262,835**

Projected Publication Date: 08/29/2019

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Preliminary Class

222

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

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Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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PTO/SB/08b (07-09)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	16/262,835
Filing Date	January 30, 2019
First Named Inventor	Samantha DiPerna
Art Unit	3754
Examiner Name	Ping Y. Hsieh
Attorney Docket Number	02-CON3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		Decision on Appeal dated June 8, 2017 in U.S. Appln. No. 13/897,359 (no copy attached as this U.S. Patent Document is of record in U.S. Appln. No. 13/897,359)	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Application

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Application Number	16/262,835
Filing Date	January 30, 2019
First Named Inventor	Samantha DiPerna
Art Unit	2666
Examiner Name	Ping Y. Hsieh
Attorney Docket Number	02-CON3

Please change the Correspondence Address for the above-identified patent application to:

☐ The address associated with Customer Number: ____

OR

☒ Firm or Individual Name Jacqueline DiPerna

Address 260 Cagney Lane, Apt. 204

City Newport Beach | State CA | Zip 92663

Country US

Telephone 480-213-0179 | Email samantha.diperna@gmail.com

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I am the:

☒ Applicant

☐ Attorney or agent of record. Registration Number _____.

☐ Registered practitioner named in the application transmittal papers who acts in a representative capacity under 37 CFR 1.34. See 37 CFR 1.33(a)(1). Registration Number _____.

Signature S. M. Jacqueline DiPerna

Typed or Printed Name Samantha DiPerna & Jacqueline DiPerna, Pro Se

Date May 15, 2019 | Telephone 480-213-0179

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY DOCKET NO./TITLE
16/262,835	01/30/2019	Samantha DiPerna	02-CON3

CONFIRMATION NO. 3352

Samantha DiPerna
200 Riverside Blvd.
Apt. 10F
New York, NY 10069

FORMALITIES LETTER

OC000000105936981

Date Mailed: 02/15/2019

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
- The application search fee must be submitted.
- The application examination fee must be submitted.
- Additional claim fees of $ 610 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Surcharge as set forth in 37 CFR 1.16(f) must be submitted.
  The surcharge is due for any one of:
  - late submission of the basic filing fee, search fee, or examination fee,
  - late submission of inventor's oath or declaration,
  - filing an application that does not contain at least one claim on filing, or
  - submission of an application filed by reference to a previously filed application.

SUMMARY OF FEES DUE:

The fee(s) required within **TWO MONTHS** from the date of this Notice to avoid abandonment is/are itemized below. Small entity discount is in effect. If applicant is qualified for micro entity status, an acceptable Certification of Micro Entity Status must be submitted to establish micro entity status. (See 37 CFR 1.29 and forms PTO/SB/15A and 15B.)

- $ 75 basic filing fee.
- $ 80 surcharge.
- $ 330 search fee.
- $ 380 examination fee.
- $ 460 for 2 independent claims over 3.
- $ 150 for 3 total claims over 20.

- $(0) previous unapplied payment amount.
- $ 1475 TOTAL FEE BALANCE DUE.

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

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/elbanaybanay/

OPAP AKIMA-15
MAY 2 0 2019
PATENT & TRADEMARK OFFICE

Patent Application

U.S. Appln. No.	16/262,835
Inventors:	Samantha DiPerna, et al.
Filing Date:	January 30, 2019
Docket No.:	02-CON3
Examiner:	Ping Y. Hsieh
Art Unit:	3754
Confirmation No.:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS AND SECOND PRELIMINARY AMENDMENT

In response to the *Notice To File Missing Parts Of Nonprovisional Application* mailed on February 15, 2019, please further amend the above-application as follows, and consider the Remarks presented herein.

Certificate of Transmission Under 37 C.F.R. 1.8(a)
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, P. O. Box 1450, Alexandria, VA 22313-1450 on: **May 15, 2019**

Name of Person Certifying: Samantha DiPerna
Signature: _____
Date of Signature and deposit: May 15, 2019

IN THE SPECIFICATION

Please amend the paragraph from page 15, lines 14-17, as follows:

FIGS. 1B-E illustrate the present invention according to another embodiment. In FIGS. 1B-E, protective case [[20]] 12 surrounds the mobile device 10 and has a side pocket 24 which houses the vial of pepper spray or mace. FIG. 1B is a front view, while FIGS. IC and ID are rear and side views, respectively. Camera lens 22 is disposed at the rear of the device.

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. - 6. (Canceled)

7. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, adapted to ~~activate the camera unit, the location unit, and the transmitting unit~~ dial an emergency dispatch center when activated.

8. (Currently Amended) The mobile device as set forth in claim 7, further comprising a voice activation unit, adapted to activate the panic button using a ~~codeword~~ voice command.

9. (Currently Amended) The mobile device as set forth in claim [[8]] 7, wherein the panic button is activated by ~~at least one of:~~

a depressing or series of depressings of the panic button~~,~~

~~a depressing of the panic button for a predetermined time period,~~

~~a depressing of the panic button together with another button, and~~

~~a codeword~~.

10. - 15. (Canceled)

16. (Currently Amended) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit as emergency information (1) at least one of the image data, the audio data, and the location data~~, and~~ along with (2) specific information including owner identification information;

~~a self-defense mechanism;~~ and

a panic button, adapted to activate the camera, the location unit, and the transmitting unit, and ~~the self-defense mechanism~~ send the emergency information and the specific information to a specified location when the panic button is activated.

17. (Currently Amended) A mobile device as set forth in claim [[16]] 7, wherein the specific information includes a time and date stamp.

18. (Currently Amended) A mobile device as set forth in claim [[16]] 7, wherein the specific information includes a pre-recorded personal warning message if the panic button is activated during a predetermined time period.

19. (Currently Amended) A mobile device as set forth in claim [[16]] 7, wherein the panic button is silent.

20. – 21. (Canceled)

22. (Currently Amended) A mobile device as set forth in claim [[16]] 7, wherein the panic button activates an audible warning message, wherein the audible warning message includes words.

23. (Canceled)

24. (New) The mobile device as set forth in Claim 7, wherein the panic button is activated by a depressing of the panic button for a predetermined time period.

25. (New) The mobile device as set forth in Claim 7, wherein the panic button is activated by a depressing of the panic button together with another button.

26. (New) The mobile device as set forth in Claim 7, wherein the panic button activates an audible alarm.

27. (New) The mobile device as set forth in Claim 7, further comprising a safety switch that, upon being moved into position, readies the panic button to contact the emergency dispatch center when the panic button is activated.

28. (New) The mobile device as set forth in claim 16, wherein when the panic button is activated 911 is dialed.

29. (New) The mobile device as set forth in claim 7, wherein the panic button is activated when pressed along with an emergency touchpad picture.

30. (New) A mobile device as set forth in claim 7, wherein the owner identification information includes a name and a description of the owner of the mobile device.

31. (New) A mobile device as set forth in claim 7, wherein the emergency dispatch center is a private emergency dispatch network.

32. (New) The mobile device as set forth in claim 16, wherein the mobile device is configured such that the panic button is activated when an emergency dispatch center is dialed.

33. (New) A mobile device as set forth in claim 16, wherein the specific information includes a pre-recorded emergency message.

34. (New) The mobile device as set forth in claim 16, wherein the panic button is activated by a depressing or series of depressings of the panic button.

35. (New) A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data as emergency information to a specified location, along with specific information including owner identification information; and

a panic button, which, when activated, performs at least one of (1) activating the camera unit, the location unit, and the transmitting unit to send the emergency information and the specific information to the specified location, and (2) dialing an emergency dispatch center.

REMARKS

Claims 7-9, 16-19, 22, and 24-35 are now presented for examination.

Claims 7-9, 16-19, and 22 have been amended.

Claims 1-6, 10-15, 20, 21, and 23 have been canceled without prejudice or disclaimer of subject matter.

Claims 24-35 have been added.

Claims 7, 16, and 35 are in independent form.

Applicants have the following comments.

1. The Notice To File Missing Parts mailed on February 15, 2019 requires the following fees (small entity):

$75 basic filing fee;
$80 surcharge
$330 search fee;
$380 examination fee;
Total = $865

That amount is being submitted herewith.

2. The Notice To File Missing Parts also requires excess claims fees in the amount of $610. **However**, the present amendment results in only 20 total claims including 3 independent claims and therefore **no excess claims fees are now due**. Accordingly Applicants are **not** paying excess claims fees herewith as no excess claims fees are now due.

3. Applicants hereby petition to extend the time for response to the Notice To File Missing Parts mailed on February 15, 2019 for one month, to May 15, 2019. Accordingly, also submitted is **$100** for a one month extension of time.

4. Therefore, submitted herewith is the amount of $865 (from item 1 above) plus $100 (from item 3 above) for a total of $965.

Favorable consideration and early passage to issue of this application are respectfully requested.

Respectfully submitted,

Samantha DiPerna, *Pro Se*
200 Riverside Blvd., Apt. 10F
New York, NY 10069
Tel. No. (480) 213-0179

Jacqueline DiPerna, *Pro Se*
260 Cagney Lane, Apt. 204
Newport Beach, CA 92663
Tel. No. (480) 231-6325

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 16/262,835

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	75		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	330		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	380		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	23 minus 20 =	* 3	x 50 =	150	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	5 minus 3 =	* 2	x 230 =	460			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	1395		TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/262,835	01/30/2019	Samantha DiPerna	02-CON3

CONFIRMATION NO. 3352

Samantha DiPerna
200 Riverside Blvd.
Apt. 10F
New York, NY 10069

FORMALITIES LETTER

OC000000105938981

Date Mailed: 02/15/2019

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
- The application search fee must be submitted.
- The application examination fee must be submitted.
- Additional claim fees of $ **610** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Surcharge as set forth in 37 CFR 1.16(f) must be submitted.
  The surcharge is due for any one of:
  - late submission of the basic filing fee, search fee, or examination fee,
  - late submission of inventor's oath or declaration,
  - filing an application that does not contain at least one claim on filing, or
  - submission of an application filed by reference to a previously filed application.

SUMMARY OF FEES DUE:

The fee(s) required within **TWO MONTHS** from the date of this Notice to avoid abandonment is/are itemized below. Small entity discount is in effect. If applicant is qualified for micro entity status, an acceptable Certification of Micro Entity Status must be submitted to establish micro entity status. (See 37 CFR 1.29 and forms PTO/SB/15A and 15B.)

- $ **75** basic filing fee.
- $ **80** surcharge.
- $ **330** search fee.
- $ **380** examination fee.
- $ **460** for **2** independent claims over 3.
- $ **150** for **3** total claims over 20.

- $(**0**) previous unapplied payment amount.
- $ **1475** TOTAL FEE BALANCE DUE.

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be mailed to:

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
16/262,835	01/30/2019	3754	0.00	02-CON3	23	5

CONFIRMATION NO. 3352

FILING RECEIPT

Samantha DiPerna
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OC000000105938980

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Inventor(s)

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Applicant(s)

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Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a DIV of 13/897,353 05/17/2013
which is a CON of 11/333,809 01/17/2006 PAT 8472915
which claims benefit of 60/643,865 01/14/2005

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

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If Required, Foreign Filing License Granted: 02/14/2019

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/262,835**

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No
**** SMALL ENTITY ****
Title

EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Preliminary Class

222

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet | | of | |

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	HEREWITH
First Named Inventor	Samantha DIPERNA
Art Unit	2666
Examiner Name	Ping Y. Hsieh
Attorney Docket Number	02-CON3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2004/0203570 A1	October 2004	Berger	
		US- 2002/0108966 A1	August 2002	Park	
		US- 2004/0121756 A1	June 2004	Griffin et al.	
		US- 2004/0137938 A1	July 2004	Deubler, Jr.	
		US- 7,515,900	April 2009	Van Camp	
		US- 5,476,192	Dec 1995	Julinot	
		US- 2006/0011687 A1	Jan 2006	Wadley	
		US- 4,477,005	Oct 1984	Martinez	
		US- 5,973,477	Oct 1999	Chang	
		US- 5,988,450	Nov 1999	Cassarino	
		US- 2002/0187756 A1	Dec 2002	Chen	
		US- 2003/0003950 A1	Jan 2003	Kroll	
		US- 2003/0222889 A1	Dec 2003	Parulski	
		US- 2004/0155084 A1	Aug 2004	Brown	
		US- 2004/0185900 A1	Sept 2004	McElveen	
		US- 2005/0227833 A1	Oct 2005	Wilkinson	
		US- 2003/0050088 A1	March 2003	Kroll	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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Electronic Acknowledgement Receipt

EFS ID:	35013361
Application Number:	16262835
International Application Number:	
Confirmation Number:	3352
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES
First Named Inventor/Applicant Name:	Samantha DIPERNA
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Filer:	Samantha DiPerna
Filer Authorized By:	
Attorney Docket Number:	02-CON3
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Application Type:	Utility under 35 USC 111(a)

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Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal of New Application	02-con3-Transmittal-Jan302019.pdf	794784 d844aca80a6829afa13f66da9dda9feb813e350a	no	2
Warnings:					
Information:					
2	Application Data Sheet	02-con3-ADS-Jan302019.pdf	848826 b69b5f904180463e13c7526278021952a305604b	no	10
Warnings:					
Information:					
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3	Oath or Declaration filed	02-con3Decs.pdf	220058 6f247f440f039dd39fb906d844878e1d4941e6f1	no	2
Warnings:					
Information:					
4	Preliminary Amendment	samapp02con3PrelimAmdJan302019v805PM.pdf	97867 07e478409593e0ca6635793be6292e0e3d1fd626	no	4
Warnings:					
Information:					
5	Information Disclosure Statement (IDS) Form (SB08)	02-CON3-IDS-JAN-30-2019.pdf	945894 c272290e51af70b7349a801b707b68d399c7fa29	no	2
Warnings:					
Information:					
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6	Specification	02-CON3-PAGE1SPEC.pdf	49934 38d6bad05ce41de9b452e2876a4bb736b26af303	no	1
Warnings:					
Information:					
7	Specification	02-con3-spec-claims-abstract-drawingsPages2-25Jan302019.pdf	1467922 3e6eca9c846a61559147b57ea0ac65d52aeb8d3d	no	24

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Docket 02-CON3

EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

BACKGROUND OF THE INVENTION

CROSS-REFERENCE TO RELATED APPLICATION

This application claims the benefit of priority based on U.S. provisional application No. 60/643,865, filed January 14, 2005, which is hereby incorporated by reference herein in its entirety, as if fully set forth herein.

Field of the Invention

This invention relates generally to the field of personal safety devices, and more particularly to a personal safety device which can be used in conjunction with, or is integrated with, a mobile device.

Description of the Related Art

Each year many people are assaulted or otherwise find themselves victims or potential victims of violent crime. Protecting ourselves and our loved ones from these types of crime has always been of paramount importance. Women can be particularly susceptible to crimes of physical assault and violence. According to the U.S. Census Bureau, 231,589,260 people were victims of a crime in 2002. Of these victims, 119,347,330 were women, many of these women having been subjected to awful violent crimes including rape, sexual assault, and robbery, some injured, and some threatened with a weapon. Stalking is another major concern; according to results obtained by a recent National Violence Against Women Survey, women are the primary victims of stalking.

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The inventors of this patent application, being college women, understand these statistics and dangers on a very personal level. Because of the traditional campus setting, there is a low dependency for the use of cars as primary transportation; as such, college women walk almost everywhere. The highly active college lifestyle often requires students to walk to and from class, the library, the grocery store, and local hang-out areas.

Of course, the particular threat to women notwithstanding, violent crime is a serious threat to people of both sexes, and of all ages. Many people often find themselves in a potentially dangerous situation in which they are confronted by an attacker. Defending oneself in this situation is of extreme importance.

There are, of course, a number of self-defense devices and mechanisms currently available on the market, including pepper spray and mace. Pepper spray (oleoresin capsicum), typically provided in strengths of 5-10%, may cause a number of undesirable effects such as eye and skin irritation and burning, shortness of breath, etc., thus aiding in warding off a potential attacker for several minutes. Typically, some sprays can be used at a range of 8-20 feet from an attacker and can come in containers including anywhere from, e.g., half an ounce to 12 ounces of spray.

Mace contains CN Tear Gas and typically results in similar effects as pepper spray, including tearing and eye closure. Either substance may contain a dye (visible or ultraviolet) for identifying an attacker once sprayed onto him, or a foaming agent which causes the spray to rapidly expand upon contact into a sticky foam which can increase the irritation to the attacker.

Another self-defense device is a stun gun which causes an electric shock upon

contact with skin, typically resulting in confusion, disorientation, weakness, and loss of muscle control for several minutes. Stun guns typically vary in voltage levels from 65,000V - 125,000V.

There are also "nuisance" type products such as a stench ointment contained in a small breakable vial which, when broken, can dowse the attacker with a foul smelling ointment. Another device is a personal alarm which emits a loud, high decibel (e.g. 100db) piercing sound upon being activated by switch or separation of strap.

There are a number of drawbacks associated with existing self-defense devices, however. One drawback, for example, is that even when a person owns one of these devices, he or she will often forget to carry the device while traveling. Another drawback is that victims are often attacked while alone, and are therefore often left to fend off an attacker by themselves without anyone else knowing that they are being attacked. There is a need for providing a self defense device which is capable of immediately notifying the authorities that an attack is under way, and of providing the authorities with specific information in order to be able to come to the aid of the person being attacked.

There is a need, therefore, for a self defense device that can overcome these and other problems associated with prior art devices and thereby increase personal safety in vulnerable situations.

SUMMARY OF THE INVENTION

Accordingly, it is an object of this invention to provide a self-defense device that a person may be less likely to forget to carry while traveling. It is also an object of this invention

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to provide a self defense device which is capable of quickly notifying the authorities that an attack is under way, and of providing the authorities with specific information in order to be able to come to the aid of the person being attacked.

There is a large number of subscribers to mobile devices in the United States alone. These devices include, but are not limited to, cellular telephones, beepers, pagers, ipods, and Blackberry-type devices. Many of these subscribers routinely carry their mobile device on their person, often attaching it to an article of clothing such as a belt so that the device is easily accessible.

The present invention provides a self-defense device which is integrated with a mobile phone/device. In one embodiment, the present invention provides a self-defense mechanism that is attached to a mobile phone/device. The self-defense mechanism can be removably and easily attached to the mobile phone/device. This can be done by way of a clip, or by way of a protective case which holds the mobile device and which has a pocket for a self-defense mechanism such as pepper spray, the pocket in one embodiment holding the vial of pepper spray in position such that it is ready to be used with only minimal steps such as the removal of a protective cap or cover. The self-defense mechanism can also be permanently secured to a mobile phone/device. If the self-defense mechanism is attached to the mobile phone/device, a person who is carrying his or her mobile phone/device would also be carrying the self-defense mechanism. As used in this application, the term "self-defense mechanism" is included but not limited to pepper spray or mace, a dye for identifying an attacker, a foaming agent, a stun gun, a stench, a personal alarm, and a panic button.

In another embodiment, the present invention provides a self-defense device

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including a self-defense mechanism which is integrated with a mobile phone/device such that when the self-defense mechanism is activated, a camera built into the mobile phone/device takes an image of the attacker, and the mobile phone/device sends image data and audio data to the authorities along with specific information such as, for example, the name and description of the owner of the self-defense device, location information, a time and date stamp, etc. In this way, the present invention utilizes a built-in camera to take still or moving images of the attacker and send the image and/or audio data to the authorities along with the specific information. The self-defense mechanism can be a vial containing pepper spray or mace, for example, or simply a separate panic button located on the device which activates the above-mentioned processes. Of course, the present invention is not limited to the examples discussed herein.

In this way, the present invention can provide a powerful solution for one confronted with a dangerous situation. Further, the present invention can be attachable to or integrated with something many people routinely carry with them – a mobile phone or device.

The present invention according to one embodiment provides a case, comprising a main pocket for receiving a mobile device, at least one side pocket for receiving a self-defense mechanism, and a cover for covering the opening of the side pocket.

The self-defense mechanism may be at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, a stun gun, and a personal alarm. The cover may close the side pocket by way of one of velcro and a snap.

The present invention according to another embodiment provides a self-defense device comprising a mobile device and a self-defense mechanism attached to the mobile device,

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wherein the self-defense mechanism is at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, a stun gun, and a personal alarm.

The self-defense mechanism may be attached to the mobile device by way of a clip. The self-defense mechanism may be removably attached to the mobile device. The self-defense mechanism may be permanently secured to the mobile device.

The present invention according to another embodiment provides a mobile device, comprising a camera unit, adapted to obtain at least one of image data and audio data; a location unit, adapted to obtain location data; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data; and a panic button, adapted to activate the camera, the location unit, and the transmitting unit.

A voice activation unit may be provided which activates the panic button using a codeword. The panic button may be activated by at least one of: (1) a depressing or series of depressions of the panic button, (2) a depressing of the panic button for a predetermined time period, (3) a depressing of the panic button together with another button, and (4) a codeword. The location unit may obtain the location data through GPS. The location unit may obtain the location data through cell tower-based triangulation.

The present invention in another embodiment provides a mobile device, comprising a camera, adapted to obtain at least one of image data and audio data; a location unit, adapted to obtain location data; a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data; a self-defense mechanism; and a panic button, adapted to activate the camera, the location unit, the transmitting unit, and the self-defense mechanism.

The location unit may obtain the location data through at least one of GPS and cell tower-based triangulation. The self-defense mechanism may be at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, a stun gun, and a personal alarm.

The present invention in another embodiment provides a mobile device, comprising a camera unit, adapted to obtain at least one of image data and audio data; a location unit, adapted to obtain location data; a transmitting unit, adapted to transmit at least one of the image data, the audio data, the location data, and specific information including owner identification information; a self-defense mechanism; and a panic button, adapted to activate the camera, the location unit, the transmitting unit, and the self-defense mechanism.

The specific information may include a time and date stamp. The specific information may include a pre-recorded personal warning message. The panic button may be silent. The self-defense mechanism may be at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, a stun gun, and an audible personal alarm. The panic button may activate an audible warning message.

BRIEF DESCRIPTION OF THE DRAWING

The invention will be more clearly understood by reference to the following detailed description of exemplary embodiments in conjunction with the accompanying drawings, in which:

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Fig. 1A is an illustration of the present invention according to one embodiment;

Figs. 1B-E are illustrations of the present invention according to another embodiment; and

Figs. 2A-C are illustrations of the present invention according to an embodiment.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

As mentioned above, the present invention provides a self-defense device which is integrated with or used with a mobile phone/device. In one embodiment, the present invention provides a self-defense mechanism that is attached to a mobile phone/device. This can be done, for example, by way of a clip, or by manufacturing the mobile device such that the self-defense mechanism is permanently attached thereto; of course, the present invention is not limited to these examples. In another embodiment, a protective case holds the phone (e.g. in a main pocket) and has a pocket (e.g. a side pocket) for a self-defense mechanism such as pepper spray, the pocket in one embodiment holding the vial of pepper spray in position such that it is ready to be used with only minimal steps such as the removal of a protective cap or cover. The self-defense mechanism can also be permanently secured to a mobile phone/device as explained. The self-defense mechanism can be, for example, a vial containing pepper spray or mace, a personal alarm, a stun gun, a stench ointment, or the like.

The self-defense mechanism can be attached to the phone or can be contained within a protective case made out of leather or any other suitable material. In one embodiment the protective case covers the mobile phone/device and has a side pocket containing the self-defense mechanism (for example, a vial of pepper spray) which can be kept closed by way of

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velcro, a snap, a protective cap, or the like. The pepper spray (in this example) is in position and ready to be used as soon as the protective covering is removed. The vial of pepper spray can easily be replaced or refilled. In another embodiment the self-defense mechanism clips or is otherwise securely attached to the outside of a side pocket/loop of the protective case, making the self-defense mechanism easy to remove, if necessary. In this way, the present invention offers a smart design that can be flexible, attractive, convenient, small and portable, and effective. Further, if the self-defense mechanism is contained within a protective case, it can be hidden from an attacker until the moment it is used, thereby enhancing the victim's advantage of surprise.

In another embodiment, the present invention provides a self-defense device including a self-defense mechanism which is integrated with a mobile phone/device such that when the self-defense mechanism is activated, a camera built into the mobile phone/device takes still or moving images of the attacker, and the mobile phone/device sends the image data to the authorities along with specific information such as, for example, the name and description of the owner of the self-defense device, the location information, etc. audio information can be obtained by the camera and sent as well. In this way, the present invention utilizes a built-in camera to take image(s) of the attacker and send the specific information to the authorities along with the image information and audio information. The self-defense mechanism can be, for example, a vial containing pepper spray or mace, a personal alarm, a stun gun, a stench ointment, or the like. Further, the self-defense mechanism can be a separate panic button located on the device which activates the above-mentioned processes.

The present invention integrates with mobile phones/devices to send image data

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of the attack, which could be either still image data or moving video, along with location information, and/or audio information, so that help can be dispatched right away. The system can be linked in with an emergency assistance number such as 911 or to a private emergency network specifically set up for these purposes to work with the public authorities in assisting victims. By virtue of the features of the present invention, authorities will be able to proceed directly to the location of the incident, equipped with specific information such as location information, image and/or audio data of the attack (which can of course aid in identifying the perpetrator), and information as to who owns the mobile phone/device including a description of that person. Audio data (either a pre-recorded help message or audio of the attack itself) can also be sent to the authorities.

The self-defense device can be activated by way of a panic button and/or can be voice activated, for example, upon the shout of a voice command by the victim. Because a situation in which one is confronted by an attacker is inherently unpredictable, it would be advantageous for potential victims to have the flexibility to proceed as they feel the situation dictates. Therefore, by virtue of the features of the present invention, the user may keep secret, from the attacker, the fact that the victim has alerted the authorities (e.g. through pressing a silent panic button), or may advertise that fact to the attacker (e.g. through pressing a panic button which is also an alarm). The victim may alert help without saying a word, if the victim deems that the best response to the situation.

The ease of use and convenience of the present invention is an important factor in the effectiveness of a self-defense device. In addition, the present invention can be a subtle way to carry protection. An attacker would likely not assume that a mobile phone can have a weapon

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and be so easily and effectively linked to a safety network. The present invention can maximize the effectiveness of personal self-defense mechanisms by being integrated with a convenient accessory – a mobile phone or device. A mobile phone/device is now something that is often routinely found among a person's attire, whether worn on a person's belt buckle or carried in a pocket or in a purse, and can be convenient to locate.

The present invention in one embodiment communicates the emergency information (image information, location information, owner information, etc.) through a TCP/IP (Transmission Control Protocol/Internet Protocol) connection on the phone or mobile device, or through another such as WAP (Wireless Application Protocol). TCP/IP is a communications protocol that is used to connect hosts on the internet, and TCP/IP is the de facto standard for transmitting data over networks. The present invention may also use an MMS (Multimedia Message Service) system, which is a mix between internet protocol and e-mail protocol. More specifically, MMS is a store-and-forward method of transmitting graphics, video clips, sound files, and short text messages over wireless networks using WAP. MMS implementations also support e-mail addressing, so that the device can send e-mails directly to an e-mail address. The presentation of the MMS message is coded into the presentation file so that images, sounds, and text are displayed in a predetermined order as one singular message. The most common use of MMS is for communication between mobile phones/devices. MMS is one method enabling the present invention to obtain video/audio information and send the data to a specified location. Of course, the present invention is not limited to using protocols such as TCP/IP and MMS.

To expand upon this further, there are a number of ways to send image data and audio data using the present invention. As one example, image data can be sent through regular

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e-mail to a dispatching center and then to a police station. As another example, image data can be sent through a picture-based e-mail type system (such as MMS). As another example, image data can be sent through a regular TCP/IP to a web service, which enables internet access on a cell phone. Of course, the present invention is not limited to these examples, and various modifications are envisioned.

Further, cellular telephones typically comply with e-911, which is emergency 911. Thus, when one dials 911, the dispatch operator can immediately obtain the location. For example, the panic button of the present invention can automatically contact 911 upon a press or series of presses of the button, or upon a codeword. There can also be a separate "safety" switch which, upon being moved into position, readies the panic button to contact 911 upon being pressed. The panic button can be activated upon dialing 911 itself or upon pressing the panic button along with an emergency touchpad "picture." The present invention can obtain location information in a number of different ways, for example through a tower-based location system. As is well known in the art, cell towers triangulate to figure out where a person is. As another example, the present invention can also obtain location information through a form of GPS (Global Positioning System) on the device (GPS or AGPS, which is assisted GPS). Location information for the present invention can be an x-y coordinate or close to it that the phone obtains and transmits to 911. Altitude information can be included as well.

In one example, pushing a "panic button" on the mobile phone/device of the present invention can result in a still image or moving video being taken, as well as an audio recording being obtained. The present invention then wraps the data up and transmits it to an emergency service with the x-y coordinates. This enables the emergency service to have image

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and/or audio data as well as the relevant location information. Other features are included as well. For example, a panic button can trigger the image/audio data and location information being obtained. Further, the panic button can also trigger a separate self-defense mechanism such as pepper spray, mace, or a personal alarm. These can be triggered by a panic button or buttons or button sequence. These can also be triggered by, for example, a "code word" that the user shouts. Or they can be triggered more silently so that the attacker does not know that his picture has been taken and the image data and location information transmitted. Also, the mobile phone/device of the present invention can announce loudly through its speaker a warning messaged to the attacker (e.g "911 has been notified and your picture has been taken!") or other messages, such as the location information. The user is provided with various options such as the above and is provided with the ability to configure his or her device according to what he or she feels is best.

In another embodiment the present invention contains a panic button and a separate button or nozzle to activate pepper spray or the like, and these two buttons are tied together so that one or more features of the present invention (e.g. picture/audio and location information transmitted, mace activated, warning sounds) occur at once.

In another embodiment the present invention allows the user to pre-record a personal warning message which is transmitted to the emergency personnel in the event of an attack during a specific time period. For example, if one is traveling to a meeting at 2pm, she could program the device to transmit a specific warning message if the panic button is activated between the hours of 2pm - 4pm. For example: "It is now Sunday, January 15th. I will be traveling to Sherborn, MA for a 2pm meeting with Mr. John Smith who lives on Gray Road."

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According to another embodiment, the panic button can be a big (e.g. red) button in the center of the phone (or elsewhere on the phone) that the user holds down for a predetermined time period. This can safeguard against falsely triggering the device. Other safeguards can include a button sequence, the number of times a button is depressed, etc. The user can choose to dial or say 911 and thereby activate the device that way. Or the user can have their own special code word for activation. The button can send a signal to a controller inside the device to activate this process. The button can start the speech recognition process in one embodiment, to trigger the device.

Fig. 1A illustrates the present invention according to one embodiment. In Fig. 1A, the self-defense mechanism, in this example pepper spray or mace, is permanently attached to the mobile device 10. Specifically, mobile device 10 has a vial 14 containing pepper spray or mace attached thereto. Nozzle 16 releases the pepper spray or mace once protective cap 18 is removed. Panic button 20 is included in this embodiment.

Figs. 1B-E illustrate the present invention according to another embodiment. In Figs. 1B-E, protective case 20 surrounds the mobile device 10 and has a side pocket 24 which houses the vial of pepper spray or mace. Fig. 1B is a front view, while Figs. 1C and 1D are rear and side views, respectively. Camera lens 22 is disposed at the rear of the device.

Figs. 2A-C illustrate the present invention according to another embodiment. In this embodiment a vial 14 of pepper spray or mace is clipped to the body of the mobile device 10 via clip 26. The clip can of course take on many forms, for example a male mating portion located on the vial 14 and a female mating portion located on the mobile device 10. Figs. 2A, 2B, and 2C are front, rear, and side views, respectively.

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It is of course to be understood that various modifications are envisioned. For example, the features of the present invention can be combined as desired. As an example, a mobile device having a panic button and its associated features may or may not also have a vial containing pepper spray (or another self-defense mechanism) attached thereto. As another example, a mobile device having a vial of pepper spray (or another self-defense mechanism) may or may not have a panic button feature. The present invention is of course not limited to the examples set forth herein.

The present invention is for use with all mobile devices including, but not limited to, cellular telephones, beepers, pagers, ipods, and Blackberry-type devices.

While the invention has been particularly shown and described with respect to preferred embodiments thereof, it will be understood by those skilled in the art that changes in form and details may be made therein without departing from the scope and spirit of the invention.

CLAIMS

Having described the invention, what is claimed as new and secured by Letters Patent is:

1. A case, comprising:

a main pocket for receiving a mobile device;

at least one side pocket for receiving a self-defense mechanism; and

a cover for covering the opening of the side pocket.

2. The case as set forth in Claim 1, wherein the self-defense mechanism is at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, a stun gun, and a personal alarm.

3. A self-defense device, comprising:

a mobile device; and

a self-defense mechanism attached to the mobile device,

wherein the self-defense mechanism is at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, a stun gun, and a personal alarm.

4. The self-defense device as set forth in Claim 3, wherein the self-defense mechanism is attached to the mobile device by way of a clip.

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5. The self-defense device as set forth in Claim 3, wherein the self-defense mechanism is removably attached to the mobile device.

6. The self-defense device as set forth in Claim 3, wherein the self-defense mechanism is permanently secured to the mobile device.

7. A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data; and

a panic button, adapted to activate the camera, the location unit, and the transmitting unit.

8. The mobile device as set forth in Claim 7, further comprising a voice activation unit, adapted to activate the panic button using a codeword.

9. The mobile device as set forth in Claim 8, wherein the panic button is activated by at least one of:

a depressing or series of depressings of the panic button,

a depressing of the panic button for a predetermined time period,

a depressing of the panic button together with another button, and

a codeword.

10. The mobile device as set forth in Claim 7, wherein the location unit obtains the location data through GPS.

11. A mobile device, comprising:

a camera, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, and the location data;

a self-defense mechanism; and

a panic button, adapted to activate the camera, the location unit, the transmitting unit, and the self-defense mechanism.

12. The mobile device as set forth in Claim 11, further comprising a voice activation unit, adapted to activate the panic button using a codeword.

13. The mobile device as set forth in Claim 12, wherein the panic button is activated by at least one of:

a depressing or series of depressings of the panic button;

a depressing of the panic button for a predetermined time period; and

a codeword.

14. The mobile device as set forth in Claim 11, wherein the location unit obtains the location data through at least one of GPS and cell tower-based triangulation.

15. The case as set forth in Claim 11, wherein the self-defense mechanism is at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, a stun gun, and a personal alarm.

16. A mobile device, comprising:

a camera unit, adapted to obtain at least one of image data and audio data;

a location unit, adapted to obtain location data;

a transmitting unit, adapted to transmit at least one of the image data, the audio data, the location data, and specific information including owner identification information;

a self-defense mechanism; and

a panic button, adapted to activate the camera, the location unit, the transmitting unit, and the self-defense mechanism.

17. A mobile device as set forth in Claim 16, wherein the specific information includes a time and date stamp.

18. A mobile device as set forth in Claim 16, wherein the specific information includes a pre-recorded personal warning message.

19. A mobile device as set forth in Claim 16, wherein the panic button is silent.

20. The case as set forth in Claim 16, wherein the self-defense mechanism is at least one of a vial containing pepper spray, a vial containing mace, a vial containing dye, a vial containing a foaming agent, a vial containing a stench ointment, a stun gun, and an audible personal alarm.

21. A case as set forth in Claim 1, wherein the cover closes the side pocket by way of one of velcro and a snap.

22. A mobile device as set forth in Claim 16, wherein the panic button activates an audible warning message.

23. The mobile device as set forth in Claim 7, wherein the location unit obtains the location data through cell tower-based triangulation.

ABSTRACT

A mobile device includes a camera unit, a location unit, a transmitting unit, a self-defense mechanism, and a panic button. The camera unit location unit obtains at least one of image data and audio data, and the location unit obtains location data. The transmitting unit transmits at least one of the image data, the audio data, the location data, and specific information including owner identification information. The panic button is adapted to activate the camera, the location unit, the transmitting unit, and the self-defense mechanism.

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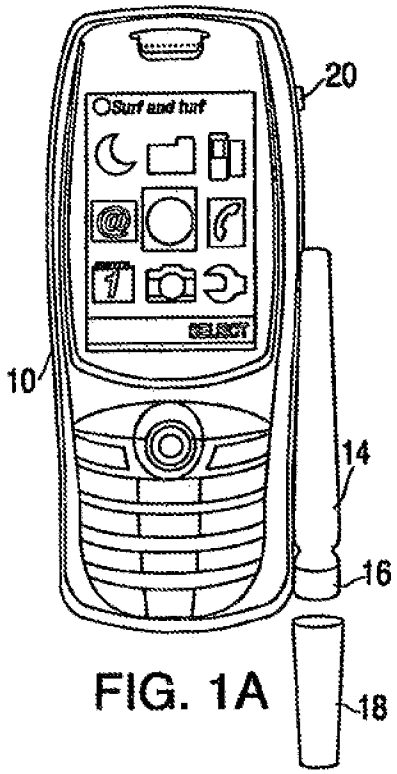


FIG. 1A

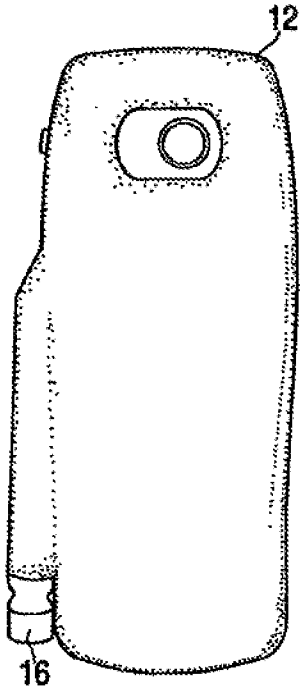


FIG. 1C

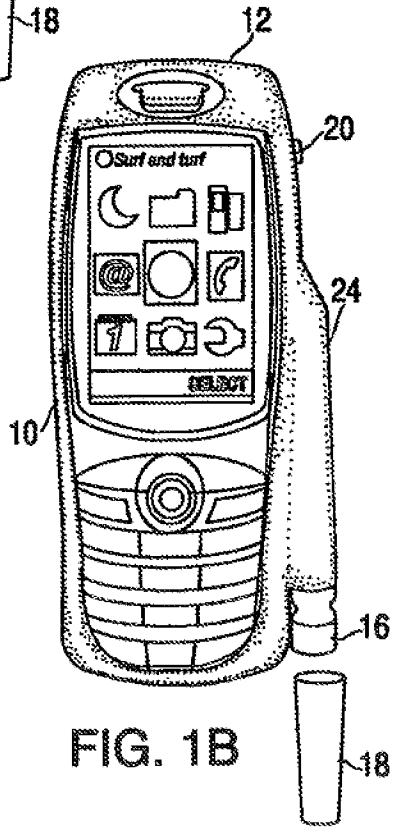


FIG. 1B

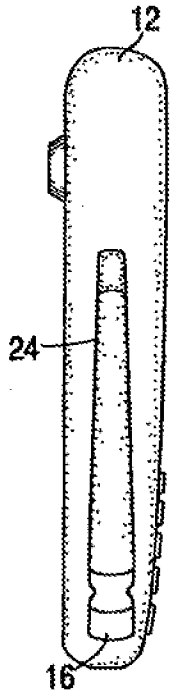


FIG. 1D

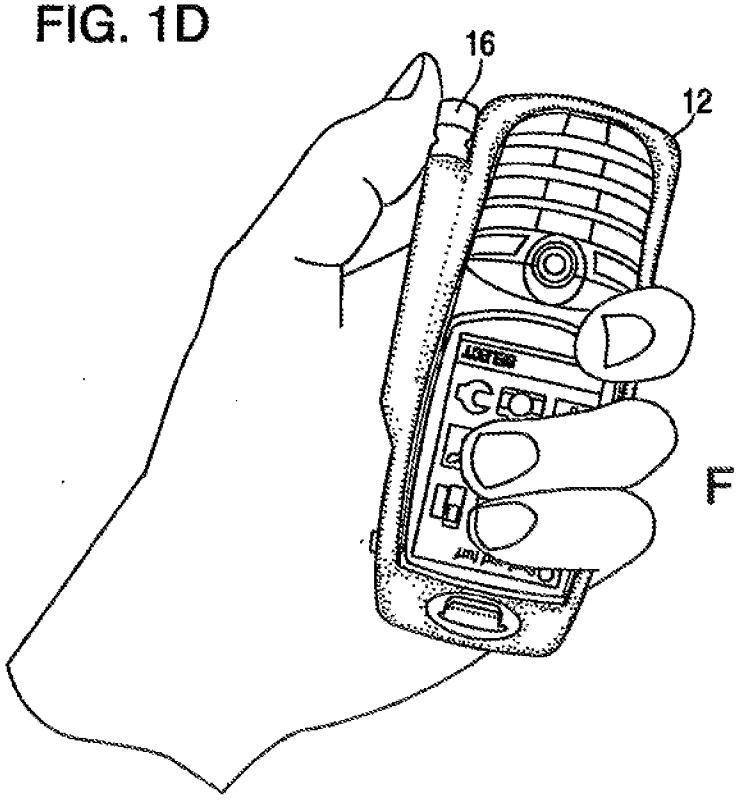


FIG. 1E

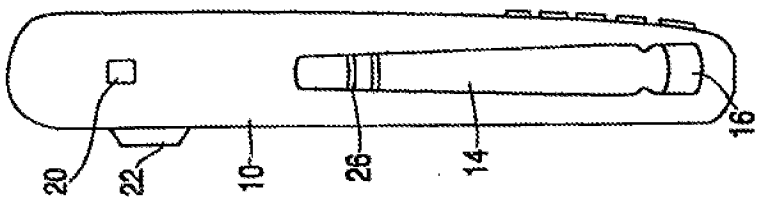


FIG. 2C

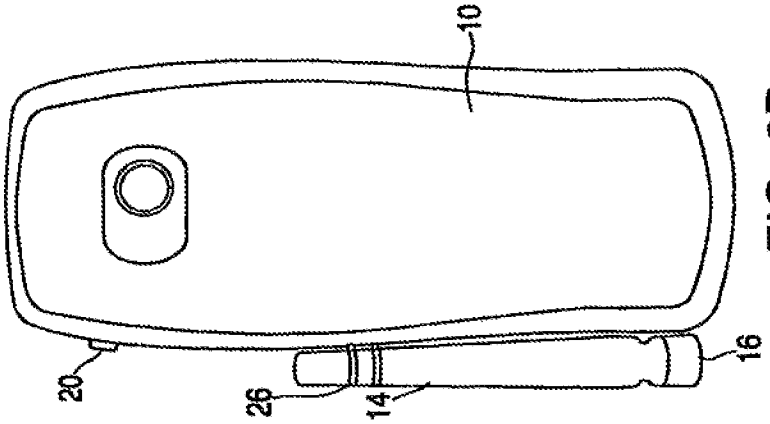


FIG. 2B

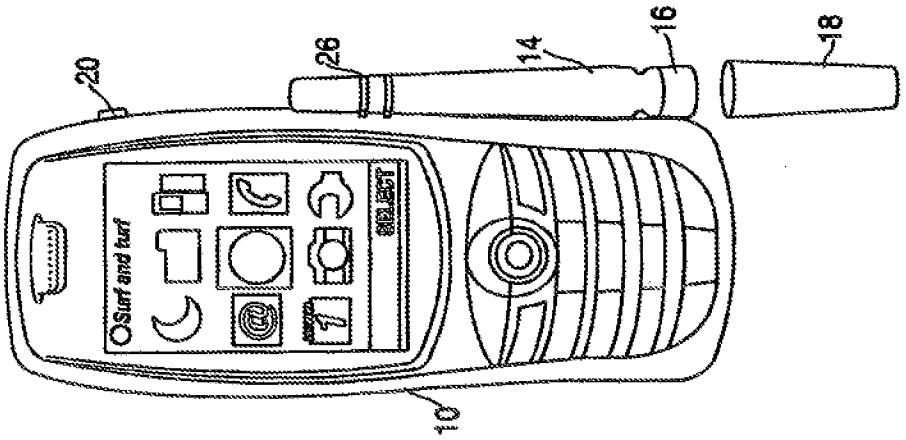


FIG. 2A

PTO/AIA/15 (10-17)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	02-CON3
First Named Inventor	Samantha DIPERNA
Title	Emergency Personal Protection System Integrated with Mobile Devices
Priority Mail Express® Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. [ ] **Fee Transmittal Form** (PTO/SB/17 or equivalent)
2. [✓] **Applicant asserts small entity status.** See 37 CFR 1.27
3. [ ] **Applicant certifies micro entity status.** See 37 CFR 1.29. Applicant must attach form PTO/SB/15A or B or equivalent.
4. [✓] **Specification** [*Total Pages* 22] Both the claims and abstract must start on a new page. *(See MPEP § 608.01(a) for information on the preferred arrangement)*
5. [✓] **Drawing(s)** (35 U.S.C. 113) [*Total Sheets* 3]
6. **Inventor's Oath or Declaration** [*Total Pages* 2] *(including substitute statements under 37 CFR 1.64 and assignments serving as an oath or declaration under 37 CFR 1.63(e))*
   a. [ ] Newly executed (original or copy)
   b. [✓] A copy from a prior application (37 CFR 1.63(d))
7. [✓] **Application Data Sheet** ** See note below.* See 37 CFR 1.76 (PTO/AIA/14 or equivalent)
8. **CD-ROM or CD-R** In duplicate, large table, or Computer Program (*Appendix*)
   [ ] Landscape Table on CD
9. **Nucleotide and/or Amino Acid Sequence Submission** *(if applicable, items a. – c. are required)*
   a. [ ] Computer Readable Form (CRF)
   b. [ ] Specification Sequence Listing on:
      i. [ ] CD-ROM or CD-R (2 copies); or
      ii. [ ] Paper
   c. [ ] Statements verifying identity of above copies

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10. [ ] **Assignment Papers** (cover sheet & document(s))
    Name of Assignee _____
11. [ ] **37 CFR 3.73(c) Statement** (*when there is an assignee*) [ ] **Power of Attorney**
12. [ ] **English Translation Document** (*if applicable*)
13. [✓] **Information Disclosure Statement** (PTO/SB/08 or PTO-1449)
    [ ] Copies of citations attached
14. [✓] **Preliminary Amendment**
15. [ ] **Return Receipt Postcard** (*MPEP § 503*) (*Should be specifically itemized*)
16. [ ] **Certified Copy of Priority Document(s)** (*if foreign priority is claimed*)
17. [ ] **Nonpublication Request** Under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or equivalent.
18. [✓] **Other:** Filing Fees NOT PAID AT THIS TIME.

***Note:** (1) Benefit claims under 37 CFR 1.78 and foreign priority claims under 1.55 **must** be included in an Application Data Sheet (ADS).
(2) For applications filed under 35 U.S.C. 111, the application must contain an ADS specifying the applicant if the applicant is an assignee, person to whom the inventor is under an obligation to assign, or person who otherwise shows sufficient proprietary interest in the matter. See 37 CFR 1.46(b).

19. CORRESPONDENCE ADDRESS

[ ] The address associated with Customer Number: _____ **OR** [✓] Correspondence address below

Name	Samantha DiPerna				
Address	200 Riverside Blvd., Apt. 10F				
City	New York	State	NY	Zip Code	10069
Country	US	Telephone	480-213-0179	Email	samantha.diperna@gmail.com

Signature	/Samantha DiPerna/ and /Jacqueline DiPerna/	Date	January 30, 2019
Name (Print/Type)	Samantha DiPerna and Jacqueline DiPerna	Registration No. (Attorney/Agent)	Pro Se

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	02-CON3
	Application Number	
Title of Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Samantha		DiPerna	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	New York	State/Province	NY	Country of Residence	US

Mailing Address of Inventor:

Address 1	200 Riverside Blvd.		
Address 2	Apt. 10F		
City	New York	State/Province	NY
Postal Code	10069	Country	US

Inventor 2 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Jacqueline		DiPerna	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	Newport Beach	State/Province	CA	Country of Residence	US

Mailing Address of Inventor:

Address 1	260 Cagney Lane		
Address 2	Apt. 204		
City	Newport Beach	State/Province	CA
Postal Code	92663	Country	US

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	02-CON3
	Application Number	
Title of Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES	

☒ **An Address is being provided for the correspondence Information of this application.**

Name 1	Samantha DiPerna	**Name 2**	
Address 1	200 Riverside Blvd.		
Address 2	Apt. 10F		
City	New York	**State/Province**	NY
Country	US	**Postal Code**	10069
Phone Number	480-213-0179	**Fax Number**	
Email Address	samantha.diperna@gmail.com	Add Email	Remove Email

Application Information:

Title of the Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES		
Attorney Docket Number	02-CON3	**Small Entity Status Claimed**	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	3	**Suggested Figure for Publication (if any)**	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	02-CON3
	Application Number	
Title of Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES	

Please Select One:	(•) Customer Number	( ) US Patent Practitioner	( ) Limited Recognition (37 CFR 11.9)
Customer Number			

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.
When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Division of	13897353	2013-05-17

Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
13897353	Continuation of	11333809	2006-01-17	8472915	2013-06-25

Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
11333809	Claims benefit of provisional	60643865	2005-01-14

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Remove			
Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[i] (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	02-CON3
	Application Number	
Title of Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES	

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	02-CON3
	Application Number	
Title of Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	02-CON3
	Application Number	
Title of Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

○ Assignee	○ Legal Representative under 35 U.S.C. 117	◉ Joint Inventor
○ Person to whom the inventor is obligated to assign.	○ Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix
Ms.	Samantha		DiPerna	

Mailing Address Information For Applicant:

Address 1	200 Riverside Blvd.		
Address 2	Apt. 10F		
City	New York	**State/Province**	NY
Country	US	Postal Code	10069
Phone Number	480-213-0179	Fax Number	
Email Address	samantha.diperna@gmail.com		

Additional Applicant Data may be generated within this form by selecting the Add button.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	02-CON3
	Application Number	
Title of Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES	

Applicant 2

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

○ Assignee	○ Legal Representative under 35 U.S.C. 117	◉ Joint Inventor
○ Person to whom the inventor is obligated to assign.	○ Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix
Ms.	Jacqueline		DiPerna	

Mailing Address Information For Applicant:

Address 1	260 Cagney Lane		
Address 2	Apt. 204		
City	Newport Beach	**State/Province**	CA
Country	US	Postal Code	92663
Phone Number	480-231-6325	Fax Number	
Email Address	jacqueline.diperna@gmail.com		

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	02-CON3
	Application Number	
Title of Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES	

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Samantha DiPerna/			Date (YYYY-MM-DD)	2019-01-30
First Name	Samantha	Last Name	DiPerna	Registration Number	

Additional Signature may be generated within this form by selecting the Add button.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	02-CON3
	Application Number	
Title of Invention	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES	

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Jacqueline DiPerna/			Date (YYYY-MM-DD)	2019-01-30
First Name	Jacqueline	Last Name	DiPerna	Registration Number	

Additional Signature may be generated within this form by selecting the Add button.

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent CooperationTreaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/AIA/01 (05-12)
Approved for use through 01/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Emergency Personal Protection System Integrated With Mobile Devices

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [x] The attached application, or
- [ ] United States application or PCT international application number _____

filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Samantha DiPerna Date (Optional) : _____

Signature: /Samantha DiPerna/

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/AIA/01 (06-12)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of invention	Emergency Personal Protection System Integrated With Mobile Devices

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [■] The attached application, or
- [ ] United States application or PCT international application number _____

filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Jacqueline DiPerna Date (Optional) : _____

Signature: /Jacqueline DiPerna/

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Patent Application

U.S. Appln. No.	Not Yet Assigned (Divisional of U.S. Appln. No. 13/897,353)
Inventors:	Samantha DiPerna, et al.
Filing Date:	HEREWITH
Docket No.:	02-CON3
Examiner:	Ping Y. Hsieh
Art Unit:	2666
Confirmation No.:	Not Yet Assigned
Title of Invention:	EMERGENCY PERSONAL PROTECTION SYSTEM INTEGRATED WITH MOBILE DEVICES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Prior to calculation of the filing fee, and prior to examination on the merits, please amend the above-identified application as follows.

Certificate of Transmission Under 37 C.F.R. 1.8(a)
I hereby certify that this correspondence is being electronically filed via EFS-WEB with the U.S. Patent and Trademark Office on: **January 30, 2019**

Name of Person Certifying: Samantha DiPerna
Signature: /Samantha DiPerna/
Date of Signature: January 30, 2019

IN THE SPECIFICATION

Please amend page 2, lines 4-6, as follows:

--This application is a divisional of U.S. Appln. No. 13/897,353 filed on May 17, 2013, which is a continuation of U.S. Appln. No. 11/333,809 filed on January 17, 2006, which claims the benefit of priority based on U.S. provisional application no. 60/643,865 filed on January 14, 2005, ~~which is~~ and the contents of each application are hereby incorporated by reference herein in ~~its entirety~~ their entireties, as if fully set forth herein.--

EXHIBIT 1004
Page 368 of 370

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. § 1.56, Applicants direct the Examiner's attention to the documents listed on the attached PTO-1449 form.

The listed documents are of record in the parent and grandparent applications, Application Nos. 13/897,353 and 11/333,809, respectively, and thus by rule no copies of the listed documents are attached hereto.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the attached Form PTO-1449 be returned indicating that such information has been considered.

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REMARKS

The present application is a divisional of copending U.S. Appln. No. 13/897,353 filed on May 17, 2013, which is a divisional of U.S. Appln. No. 11/333,809 filed on January 17, 2006.

The specification has been amended to refer to parent and grandparent Application Nos. 13/897,353 and 11/333,809, respectively, in accordance with 37 C.F.R. § 1.78.

Favorable consideration and early passage to issue of this application are requested.

Respectfully submitted,

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